

ATTACHMENT B

Special Use Permit Site Plan Set

H
G
F
E
D
C
B
A

8 7 6 5 4 3 2 1

SPECIAL USE PERMIT PLANS FOR LORANG SOLAR, LLC

5 MW (AC) LOCATED AT 03S257 LORANG ROAD BLACKBERRY TOWNSHIP, IL 60119

APPLICANT/PROJECT OWNER

LORANG SOLAR, LLC
101 SUMMER STREET, 2ND FLOOR
BOSTON, MA 02110
CONTACT: MATT KWIATKOWSKI

CIVIL ENGINEER

STANTEC CONSULTING SERVICES
12080 N CORPORATE PARKWAY
MEQUON, WI 53097

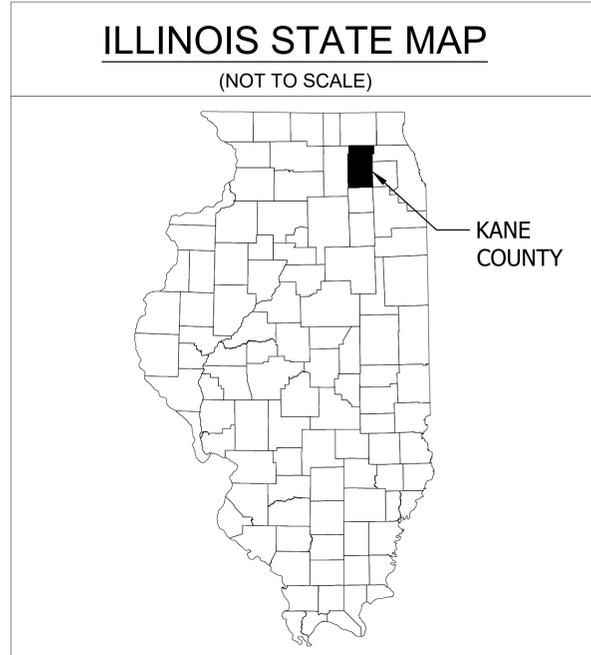
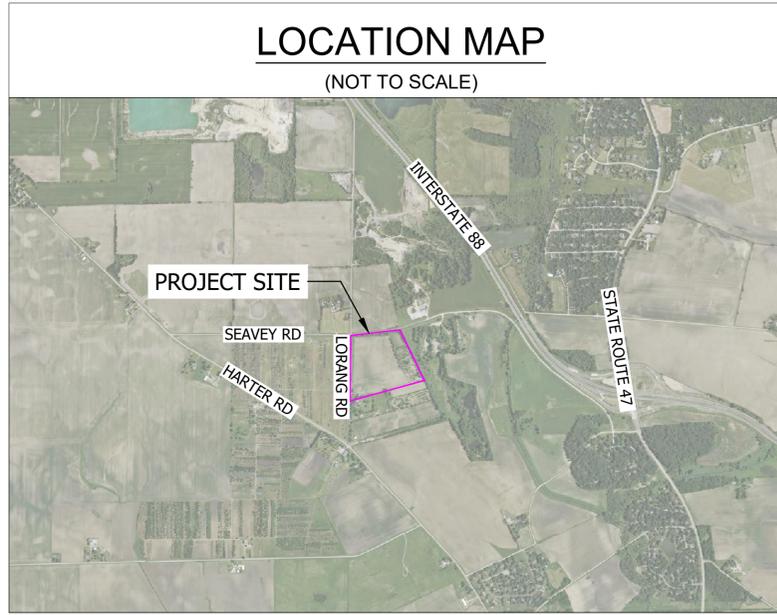
SURVEYOR

STANTEC CONSULTING SERVICES
209 COMMERCE PARKWAY
COTTAGE GROVE, WI 53527

SOLAR CONSULTANT

NEXAMP, INC.
101 SUMMER STREET, 2ND FLOOR
BOSTON, MA 02110
CONTACT: MATT KWIATKOWSKI
PHONE: (847)212-1585

<u>SITE INFORMATION</u>
<p><u>PARCEL ZONING</u> SU</p>
<p><u>PROJECT DESCRIPTION</u> PROJECT PARCEL IS 42.61 AC. FENCED ACREAGE OF PROJECT SITE IS 22.45 AC. MODULE MODEL: HELIENE 156HC M10 SL (565-585) MOUNTING SYSTEM: 2P FTC (STANDARD PILES) INVERTER MODEL: SOLECTRIA XGI 1500 250kW</p>



PRELIMINARY DRAWING FOR
INTERCONNECTION APPLICATION ONLY.
NOT FOR CONSTRUCTION

Sheet List Table	
SHEET NUMBER	SHEET TITLE
G001	TITLE SHEET
G002	GENERAL NOTES
C100	EXISTING CONDITIONS AND REMOVALS
C200	SITE PLAN
C300	EROSION CONTROL AND GRADING PLAN
C801	CONSTRUCTION DETAILS
C802	CONSTRUCTION DETAILS
L101	LANDSCAPE PLAN
L102	LANDSCAPE DETAILS

101 Summer Street, Boston, MA 02110
Tel: (617) 431-1440 Fax: (978) 416-2525 Web: nexamp.com

Rev	Issued For	Date	Drawn By	Approved By	Sheets Rev
1	SUP	2/16/2024	MSC	SRS	
2					
3					

P.E. seal/Consultant: CIVIL ENGINEER
MATT KWIATKOWSKI
062040423 11/08/2023

LORANG SOLAR, LLC

KANE COUNTY, ILLINOIS

TITLE SHEET

Approved by: SRS

Drawn by: MSC

Dwg No:	Size: D	Sheet Rev:
G001		1

Company Confidential - This drawing or print is the property of Nexamp, Inc. and is subject to return on request. The design concepts and information contained herein are proprietary to Nexamp, Inc. and its subsidiaries and are submitted in confidence. They are not transferable and must be used only for the purpose for which the Drawing/print is expressly loaned. They must not be disclosed, reproduced detrimental to the interest of Nexamp, Inc. All patent rights are reserved unless they are expressly assigned in writing by a duly authorized representative of Nexamp, Inc.

8 7 6 5 4 3 2 1

GENERAL NOTES

- THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE MUNICIPALITY FORTY-EIGHT HOURS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS. THE CONTRACTOR SHALL ALSO PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AS REQUIRED.
- THE CONTRACTOR SHALL INDEMNIFY THE OWNER, THE ENGINEER, THE MUNICIPALITY, THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, AND TESTING OF THE WORK ON THIS PROJECT.
- THE CONTRACTOR IS RESPONSIBLE FOR REFERENCING AND ADHERING TO AIMA STANDARDS.
- SITE SAFETY AND ALL CONSTRUCTION MEANS AND METHODS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ANY ALTERATION TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE CONTRACTOR ON RECORD DOCUMENTS.
- ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER.
- THE BIDDER WILL BE SOLELY RESPONSIBLE FOR DETERMINING QUANTITIES AND SHALL STATE SUCH QUANTITIES IN HIS OR HER PROPOSAL. HE OR SHE SHALL BASE THEIR BID ON HIS OR HER OWN ESTIMATE OF THE WORK REQUIRED AND SHALL NOT RELY ON THE ENGINEER'S ESTIMATE.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING SOIL CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. A GEOTECHNICAL REPORT MAY BE AVAILABLE FROM THE OWNER. THE CONTRACTOR SHALL ABIDE BY THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT, IF ONE EXISTS.
- THE CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL SITE CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL COMPARE FIELD CONDITIONS WITH DRAWINGS. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF EXISTING SITE CONDITIONS DO VARY FROM DRAWINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL UTILITY INFORMATION SHOWN ON THE PLANS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL JULIE AT 811 OR (800) 892-0123 TO NOTIFY THE UTILITIES OF HIS OR HER INTENTIONS, AND TO REQUEST FIELD LOCATION MARKING OF EXISTING UTILITIES.
- CONTRACTOR IS ADVISED THAT NO SOIL AND DEBRIS MAY BE DEPOSITED ONTO THE ADJACENT ROADWAYS PER THE REQUIREMENT OF THE MUNICIPALITY OR OTHER APPROPRIATE GOVERNMENT AGENCIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH KANE COUNTY CODE OF ORDINANCES.
- CONTRACTOR SHALL PROVIDE EROSION CONTROL FACILITIES IN ACCORDANCE WITH KANE COUNTY AND IDNR TECHNICAL STANDARDS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) CONSTRUCTION GENERAL PERMIT, AS ADMINISTERED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY.
- SPOT ELEVATIONS AND CONTOURS REPRESENT FINISHED GRADES UNLESS OTHERWISE INDICATED.
- ALL SITE SIGNAGE MUST COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

EROSION CONTROL AND SEDIMENTATION NOTES

- AN EROSION CONTROL BARRIER SHALL BE INSTALLED AS INDICATED IN THE PLAN PRIOR TO THE COMMENCEMENT OF DEMOLITION OR GROUND DISTURBANCE.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES DURING ENTIRE CONSTRUCTION PERIOD.
- ANY SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAY SHALL BE REMOVED AT THE END OF EACH WORKING DAY.
- ALL STOCKPILE AREAS SHALL BE LOCATED WITHIN LIMITS OF DISTURBANCE AND STABILIZED TO PREVENT EROSION.
- ALL DEBRIS GENERATED DURING SITE PREPARATION ACTIVITIES SHALL BE LEGALLY DISPOSED OF OFF SITE.
- SITE ELEMENTS TO REMAIN MUST BE PROTECTED FOR DURATION OF PROJECT.
- ALL TOPSOIL ENCOUNTERED WITHIN THE LIMITS OF THE PROPOSED PERMANENT AND TEMPORARY ACCESS ROADS AND EQUIPMENT PAD AREA SHALL BE STRIPPED AND SPREAD OVER PROJECT SITE AS INDICATED ON PLANS. TOPSOIL PILES SHALL REMAIN SEGREGATED FROM EXCAVATED SUBSURFACE SOIL MATERIALS.
- STABILIZED CONSTRUCTION ENTRANCE TO BE INSTALLED AND MAINTAINED AT ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS TO SITE TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS.
- TEMPORARY DIVERSION DITCHES, PERMANENT DITCHES, CHANNELS, EMBANKMENTS AND ANY DISTURBED SURFACE WHICH WILL BE EXPOSED FOR AN EXTENDED PERIOD OF TIME SHALL BE STABILIZED AS REQUIRED.

- SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS DURING CONSTRUCTION TO ENSURE THAT CHANNELS, DITCHES AND PIPES ARE CLEAR OF DEBRIS AND THAT THE EROSION CONTROL BARRIERS ARE INTACT.
- DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR REPRESENTATIVE.
- CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM MIGRATING OUTSIDE THE LIMIT OF WORK.
- ADDITIONAL EROSION CONTROL SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR REPRESENTATIVE.
- CLEAN AND MAINTAIN EROSION CONTROL BARRIER AS REQUIRED DURING CONSTRUCTION OPERATIONS TO ENSURE ITS CONTINUED FUNCTIONALITY.

GRADING, DRAINAGE AND UTILITY NOTES

- UNDERGROUND UTILITY LOCATIONS ARE BASED ON AVAILABLE MAPPING, LOCATION DESCRIPTION OR SITE LOCATE BY UTILITY COMPANIES DURING PRELIMINARY TOPOGRAPHIC SURVEY. LOCATIONS ARE APPROXIMATE AND ASSUMED. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTACT "J.U.L.I.E" AND THE OWNER TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES AND THE OWNER ARE PROPERLY NOTIFIED IN ADVANCE.
- ALL SITE WORK SHALL MEET OR EXCEED APPLICABLE SITE WORK SPECIFICATIONS FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.
- ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES, GRADES AND OTHER SPECIFIC REQUIREMENTS OR SPECIFICATIONS FOR THE PROJECT AS SHOWN ON THE PLANS.
- ALL AREAS WHICH REQUIRE DRAINAGE SHALL BE GRADED TO DRAIN.
- THE CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.
- THE CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.
- THE CONTRACTOR SHALL REMOVE ALL NON-BIODEGRADABLE EROSION CONTROL BARRIERS AFTER PERMANENT STABILIZATION OF DISTURBED AREAS.
- WETLANDS ARE TO REMAIN UNDISTURBED. NO ENCROACHMENT PERMITTED UNLESS NOTED ON PLANS.
- THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT COLLECTING WATER. SPECIFICALLY, ALLOW WATER TO ESCAPE ANY SUBCUT AREAS PRIOR TO APPLICATION OF THE FINISH SUBGRADE AND/OR SURFACE TREATMENT. PROVIDE TEMPORARY POSITIVE DRAINAGE AS REQUIRED.

LAYOUT AND MATERIALS NOTES

- ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
- CONTRACTOR SHALL REPORT SIGNIFICANT CONFLICTS TO THE OWNER AND THE ENGINEER FOR RESOLUTION.
- PROTECT EXISTING PROPERTY MONUMENTS AND ABUTTING PROPERTIES DURING CONSTRUCTION ACTIVITIES.

CONSTRUCTION SEQUENCING

- INSTALL CONSTRUCTION ENTRANCE, SILT FENCE, AND OTHER EROSION CONTROL BEST MANAGEMENT PRACTICES AS SHOWN ON PLAN AND REQUIRED BY PERMITS. MAINTAIN AS NECESSARY DURING CONSTRUCTION.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- INSTALL STORM DRAIN INLET PROTECTION ON EXISTING INDICATED STORM INLETS.
- BEGIN CLEARING AND GRUBBING OF SITE, IF APPLICABLE.

- STRIP TOPSOIL AND TEMPORARILY STOCKPILE ON SITE WHERE LOCALIZED DISTURBANCE ACTIVITIES OCCUR.
- INSTALL INTERNAL ACCESS ROADWAYS.
- BEGIN INSTALLATION OF SOLAR PANEL TRACKER AND RACKING ASSEMBLY.
- STABILIZE DISTURBED GROUND WITH TOP SOIL, SPECIFIED SEED, AND MULCH AS REQUIRED BY EROSION CONTROL PERMIT AND ORDINANCE.
- INSTALL LANDSCAPING, IF APPLICABLE.
- REMOVE ALL TEMPORARY EROSION CONTROL BMP'S ONLY AFTER DISTURBED AREAS ARE PERMANENTLY STABILIZED AND NO LONGER SUSCEPTIBLE TO EROSION.
- REFER TO THE "VEGETATION MANAGEMENT PLAN FOR SOLAR SITES UTILIZING NATIVE VEGETATION" FOR TURF ESTABLISHMENT PROCEDURES DURING THE WARRANTY PERIOD.

PLANTING NOTES

- PROVIDE CRIBBING AS NECESSARY TO PROTECT EXISTING UTILITY LINES DURING CONSTRUCTION.
- SEED SHALL BE SOWN IN SEASONAL CONDITIONS AS APPROPRIATE FOR GOOD SEED SURVIVAL, OR AT SUCH TIMES AS APPROVED BY THE OWNER.
- REPAIR AND RE-ESTABLISH GRADES IN SETTLED, ERODED AND RUTTED AREAS TO FINISHED GRADE. ALL AREAS GRADED TO DRAIN.
- ALL PLANT MATERIALS SHALL BE GUARANTEED FOR ONE YEAR FOLLOWING DATE OF FINAL ACCEPTANCE.
- THE LANDSCAPE CONTRACTOR SHALL CLEAN UP AND REMOVE ANY DEBRIS FROM THE SITE CAUSED BY THE LANDSCAPE CONTRACTOR.
- SEEDING SHALL FOLLOW MIXES ON G0.02. POLLINATOR FRIENDLY SEED MIX SHALL BE USED WITHIN THE FENCE AND 50 FEET OUTSIDE THE FENCE (EXCEPT IN WETLAND AREAS). WETLAND SEED MIX SHALL BE USED WITHIN WETLAND AREAS. THE GENERAL SEED MIX SHALL BE USED TO STABILIZE ALL OTHER DISTURBED AREAS. PUT SEED MIXES HERE:



Natural Resource Services

Lorang Solar, LLC
Buffer Mix

Common Name	Scientific Name	% of Mix	Seeds/ft ²	Total
Grasses				
Sideoats Grama	Bouteloua curtipendula	29.62%	7.7	3.48 PLS lb
Plains Oval Sedge	Carex brevior	2.73%	3.4	0.32 PLS lb
Bicknell's Sedge	Carex bicknellii	1.45%	1.1	0.17 PLS lb
Troublesome Sedge	Carex molesta	1.36%	1.5	0.16 PLS lb
Brown Fox Sedge	Carex vulpinoidea	2.13%	9.2	0.25 PLS lb
Silky Wild Rye	Elymus villosus	6.38%	1.5	0.75 PLS lb
Little Bluestem	Schizachyrium scoparium	30.81%	19.9	3.62 PLS lb
Prairie Dropseed	Sporobolus heterolepis	0.42%	0.3	0.05 PLS lb
Forbs				
Common Yarrow	Achillea millefolium	0.39%	3.0	0.05 PLS lb
Lead Plant	Amorpha canescens	1.05%	0.7	0.12 PLS lb
Canada Anemone	Anemone canadensis	0.04%	0.0	0.01 PLS lb
Wild Columbine	Aquilegia canadensis	0.04%	0.1	0.01 PLS lb
Common Milkweed	Asclepias syriaca	0.67%	0.1	0.08 PLS lb
Butterfly Milkweed	Asclepias tuberosa	0.34%	0.1	0.04 PLS lb
Canada Milkvetch	Astragalus canadensis	1.15%	0.8	0.14 PLS lb
Calico Aster	Symphotrichum lateriflorum	0.04%	0.5	0.01 PLS lb
Partridge Pea	fasciculata	3.38%	0.4	0.40 PLS lb
White Prairie Clover	Dalea candida	4.34%	3.6	0.51 PLS lb
Purple Prairie Clover	Dalea purpurea	6.41%	5.0	0.75 PLS lb
Cream Gentian	Gentiana flavida	0.04%	0.3	0.01 PLS lb
Prairie Blazing Star	Liatris pycnostachya	0.51%	0.2	0.06 PLS lb
Great Blue Lobelia	Lobelia siphilitica	0.04%	1.0	0.01 PLS lb
Seedbox	Ludwigia alternifolia	0.09%	4.8	0.01 PLS lb
Virginia Mountain Mint	Pycnanthemum virginianum	0.10%	0.9	0.01 PLS lb
Black-eyed Susan	Rudbeckia hirta	2.05%	8.1	0.24 PLS lb
Sky Blue Aster	Symphotrichum oolentangiense	0.17%	0.6	0.02 PLS lb
Ohio Spiderwort	Tradescantia ohiensis	0.25%	0.1	0.03 PLS lb
Hoary Vervain	Verbena stricta	1.44%	1.7	0.17 PLS lb
Golden Alexanders	Zizia aurea	2.56%	1.2	0.30 PLS lb

Seeding rate: 11.75 lbs/acre, 77.7 seeds per square foot
Poorly drained Central IL
February 2024

2885 Quail Road NE, Sauk Rapids MN 56379
16425 W. State Rt 90, Princeville, IL 61559



Natural Resource Services

Lorang Solar, LLC
Array Grazing Mix

Common Name	Scientific Name	% of Mix	Seeds/ft ²
Creeping Red Fescue	Festuca rubra	18.94%	64.3
Chewings Fescue	Festuca rubra	18.94%	64.3
Hard Fescue	Festuca trachyphylla	18.94%	80.3
Sheeps Fescue	Festuca ovina	18.94%	75.8
Kentucky Bluegrass	Poa pratensis	9.09%	95.9
Fowl Bluegrass	Poa palustris	4.55%	71.6
Ladino Clover	Trifolium repens	3.03%	18.0
Timothy	Phleum pratense	1.52%	13.4
Red Clover	Trifolium pratense	3.03%	6.2
Alsike Clover	Trifolium hybridum	3.03%	15.8

Seeding rate: 33lbs /acre, 505.6 seeds per square foot
February 2024

2885 Quail Road NE, Sauk Rapids MN 56379
16425 W. State Rt 90, Princeville, IL 61559



101 Summer Street, Boston, MA 02110
Tel: (617) 431-1440 Fax: (978) 416-2525 Web: nexamp.com



Revised	1	SUP			
Issued For					
Date	2/16/2024				
Drawn By	MSC				
Approved By	SRS				
Sheets Rev					

P. E. seal/Consultant: CIVIL ENGINEER
MATTHEW CLEMENT
066104623 1/16/2025

LORANG SOLAR, LLC

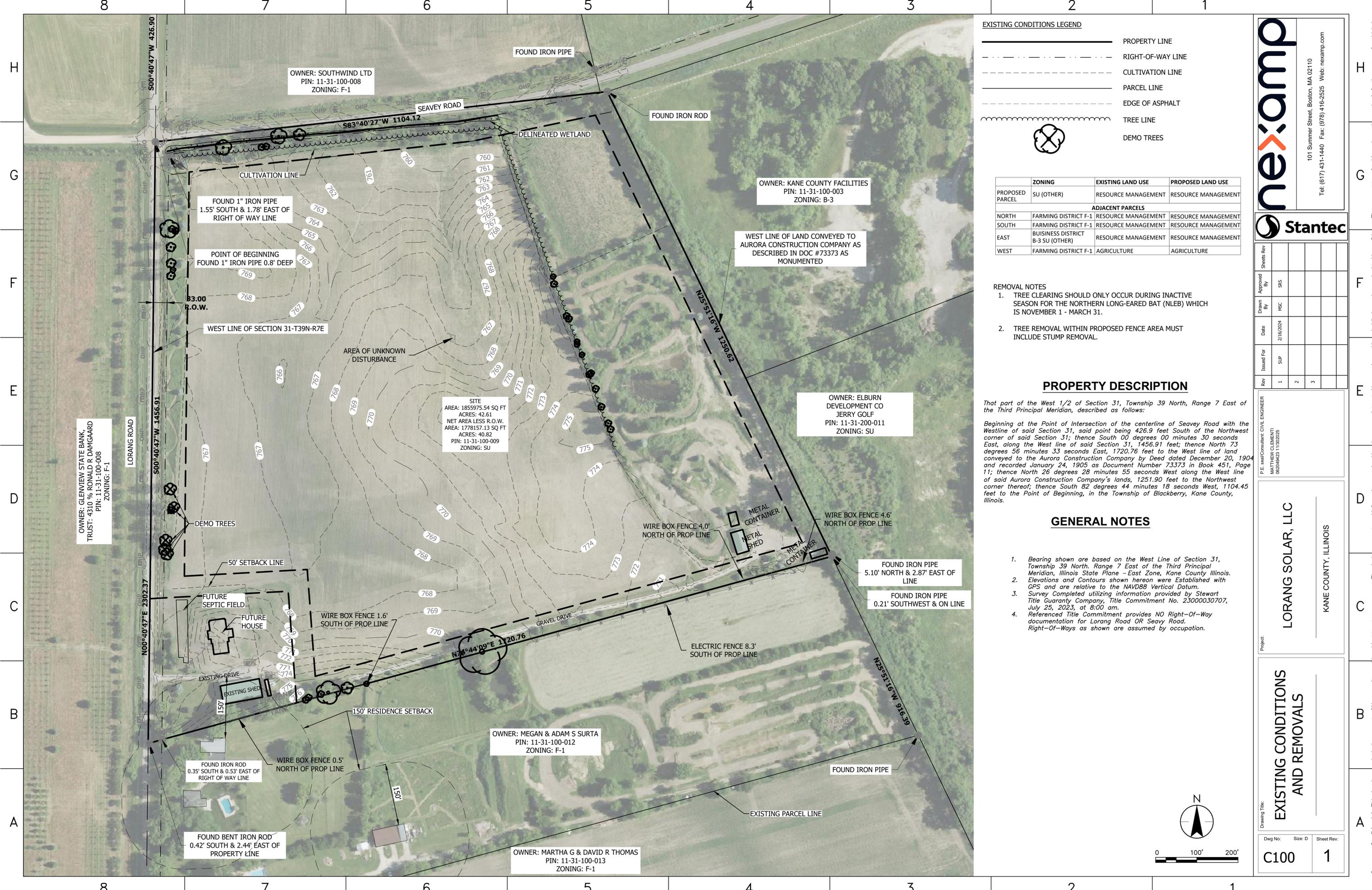
KANE COUNTY, ILLINOIS

GENERAL NOTES

Approved by: SRS

Drawn by: MSC

Dwg No: **G002** Size: D Sheet Rev: **1**



EXISTING CONDITIONS LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY LINE
	CULTIVATION LINE
	PARCEL LINE
	EDGE OF ASPHALT
	TREE LINE
	DEMO TREES

PROPOSED PARCEL	ZONING	EXISTING LAND USE	PROPOSED LAND USE
SU (OTHER)	SU (OTHER)	RESOURCE MANAGEMENT	RESOURCE MANAGEMENT
ADJACENT PARCELS			
NORTH	FARMING DISTRICT F-1	RESOURCE MANAGEMENT	RESOURCE MANAGEMENT
SOUTH	FARMING DISTRICT F-1	RESOURCE MANAGEMENT	RESOURCE MANAGEMENT
EAST	BUSINESS DISTRICT B-3 SU (OTHER)	RESOURCE MANAGEMENT	RESOURCE MANAGEMENT
WEST	FARMING DISTRICT F-1	AGRICULTURE	AGRICULTURE

- REMOVAL NOTES**
- TREE CLEARING SHOULD ONLY OCCUR DURING INACTIVE SEASON FOR THE NORTHERN LONG-EARED BAT (NLEB) WHICH IS NOVEMBER 1 - MARCH 31.
 - TREE REMOVAL WITHIN PROPOSED FENCE AREA MUST INCLUDE STUMP REMOVAL.

PROPERTY DESCRIPTION

That part of the West 1/2 of Section 31, Township 39 North, Range 7 East of the Third Principal Meridian, described as follows:

Beginning at the Point of Intersection of the centerline of Seavey Road with the Westline of said Section 31, said point being 426.9 feet South of the Northwest corner of said Section 31; thence South 00 degrees 00 minutes 30 seconds East, along the West line of said Section 31, 1456.91 feet; thence North 73 degrees 56 minutes 33 seconds East, 1720.76 feet to the West line of land conveyed to the Aurora Construction Company by Deed dated December 20, 1904 and recorded January 24, 1905 as Document Number 73373 in Book 451, Page 11; thence North 26 degrees 28 minutes 55 seconds West along the West line of said Aurora Construction Company's lands, 1251.90 feet to the Northwest corner thereof; thence South 82 degrees 44 minutes 18 seconds West, 1104.45 feet to the Point of Beginning, in the Township of Blackberry, Kane County, Illinois.

GENERAL NOTES

- Bearing shown are based on the West Line of Section 31, Township 39 North, Range 7 East of the Third Principal Meridian, Illinois State Plane - East Zone, Kane County Illinois.
- Elevations and Contours shown hereon were Established with GPS and are relative to the NAVD88 Vertical Datum.
- Survey Completed utilizing information provided by Stewart Title Guaranty Company, Title Commitment No. 23000030707, July 25, 2023, at 8:00 am.
- Referenced Title Commitment provides NO Right-Of-Way documentation for Lorang Road OR Seavey Road. Right-Of-Ways as shown are assumed by occupation.

nexamp
 101 Summer Street, Boston, MA 02110
 Tel: (617) 431-1440 Fax: (978) 416-2525 Web: nexamp.com

Stantec

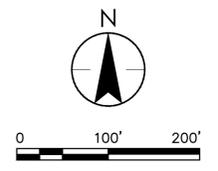
Rev	Issued For	Date	Drawn By	Approved By	Sheets Rev
1	SUP	2/16/2024	MSC	SIS	
2					
3					

P.E. seal/Consultant: CIVIL ENGINEER
 MATTHEW CLEMMENT
 060304262 11/06/2025

Project: **LORANG SOLAR, LLC**
 KANE COUNTY, ILLINOIS

Drawing Title: **EXISTING CONDITIONS AND REMOVALS**

Dwg No:	Size: D	Sheet Rev:
C100		1



OWNER: SOUTHWIND LTD
 PIN: 11-31-100-008
 ZONING: F-1

OWNER: KANE COUNTY FACILITIES
 PIN: 11-31-100-003
 ZONING: B-3

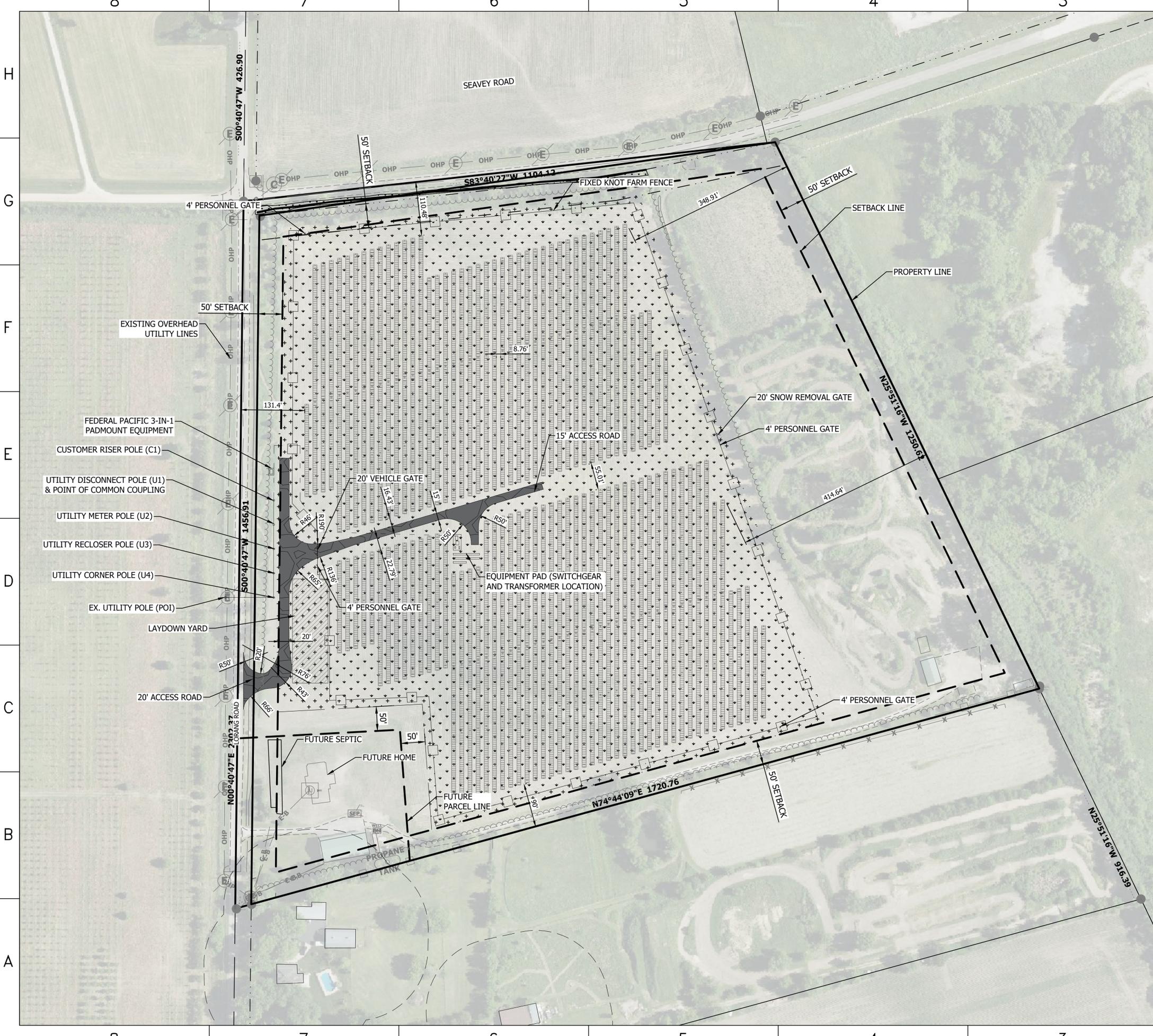
OWNER: ELBURN DEVELOPMENT CO JERRY GOLF
 PIN: 11-31-200-011
 ZONING: SU

OWNER: MEGAN & ADAM S SURTA
 PIN: 11-31-100-012
 ZONING: F-1

OWNER: MARTHA G & DAVID R THOMAS
 PIN: 11-31-100-013
 ZONING: F-1

OWNER: GLENVIEW STATE BANK, TRUST: 4310 % RONALD R DAMGAARD
 PIN: 11-31-100-008
 ZONING: F-1

SITE
 AREA: 1855975.54 SQ FT
 ACRES: 42.61
 NET AREA LESS R.O.W.
 AREA: 1778157.13 SQ FT
 ACRES: 40.82
 PIN: 11-31-100-009
 ZONING: SU



PROPOSED CONSTRUCTION LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY LINE
- ADJACENT LOT LINE
- FIXED KNOT FARM FENCE
- PROPERTY LINE SETBACK
- SOLAR ARRAYS
- CONSTRUCTION LAYDOWN YARD
- GRAVEL ACCESS ROADS
- UNDERGROUND MEDIUM VOLTAGE
- EXISTING TREE LINE
- PROPOSED GRAZING MIX - 22.06 ACRES
- PROPOSED BUFFER MIX - 2.04 ACRES

PROPOSED PARCEL	ZONING	PROPOSED LAND USE
	SPECIAL USE SU	RESOURCE MANAGEMENT
ADJACENT PARCELS		
NORTH	DISTRICT- RURAL RESIDENTIAL F-1	RESOURCE MANAGEMENT
SOUTH	DISTRICT- RURAL RESIDENTIAL F-1	RESOURCE MANAGEMENT
EAST	BUSINESS DISTRICT B-3 SPECIAL USE SU	RESOURCE MANAGEMENT
WEST	DISTRICT- RURAL RESIDENTIAL F-1	AGRICULTURE

SOLAR ORDINANCE SETBACKS	
FRONT YARD	50 FT
SIDE YARD	50 FT
BACK YARD	50 FT

101 Summer Street, Boston, MA 02110
Tel: (617) 431-1440 Fax: (978) 416-2525 Web: nexamp.com

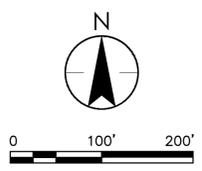
Rev	Issued For	Date	Drawn By	Approved By	Sheets Rev
1	SUP	2/16/2024	MSC	SIS	
2					
3					

P.E. seal/Consultant: CIVIL ENGINEER
MATTHEW CLEMENTI
062040423 11062626

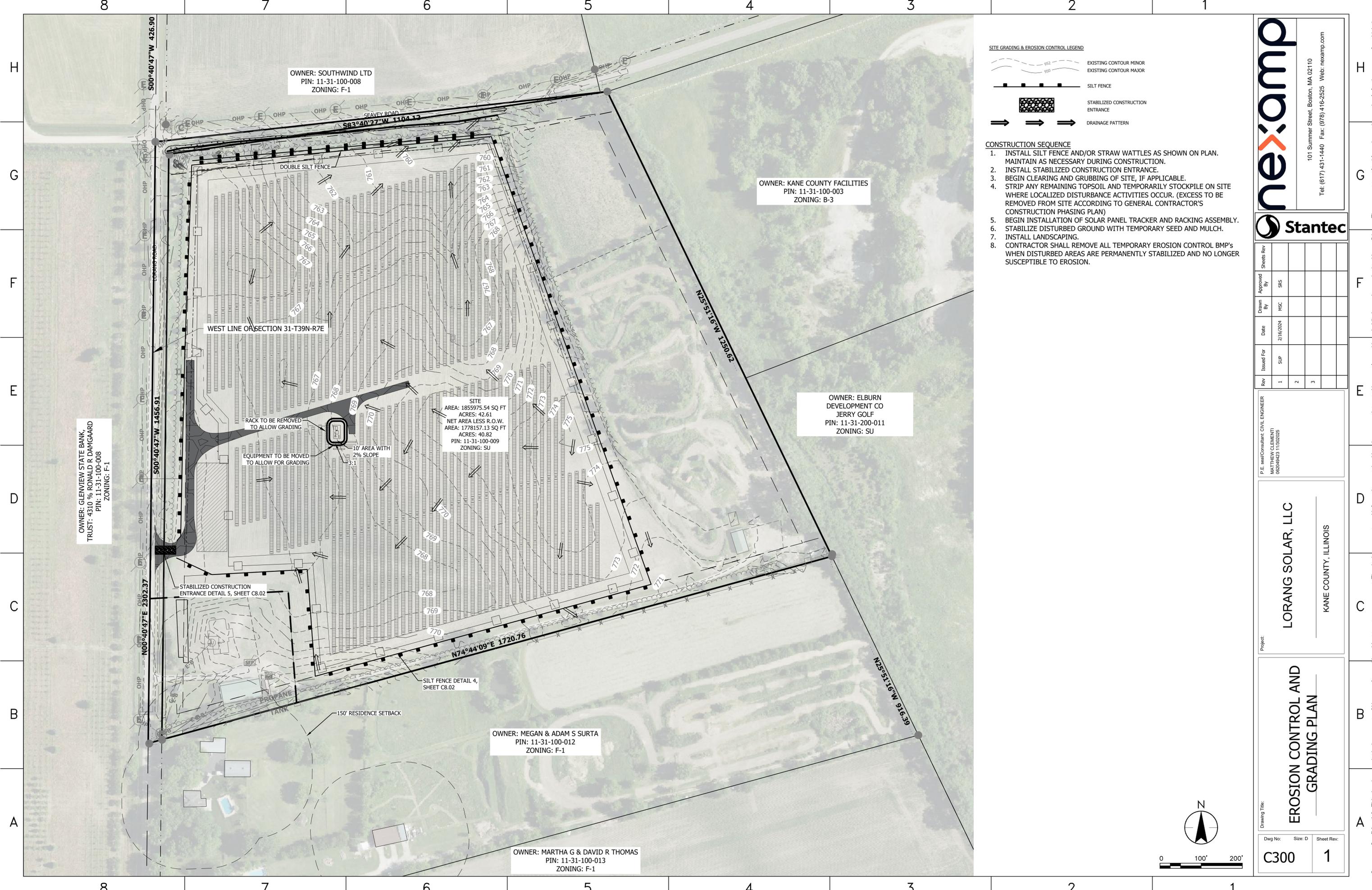
Project:
LORANG SOLAR, LLC
KANE COUNTY, ILLINOIS

Drawing Title:
SITE PLAN

Dwg No: **C200** Size: D Sheet Rev: **1**



Company Confidential - This drawing or print is the property of Nexamp, Inc. and is subject to return on request. The design concepts and information contained herein are proprietary to Nexamp, Inc. and its subsidiaries and are submitted in confidence. They are not transferable and must be used only for the purpose for which the Drawing/print is expressly loaned. They must not be disclosed, reproduced detrimental to the interest of Nexamp, Inc. All patent rights are reserved unless they are expressly assigned in writing by a duly authorized representative of Nexamp, Inc.



OWNER: SOUTHWIND LTD
 PIN: 11-31-100-008
 ZONING: F-1

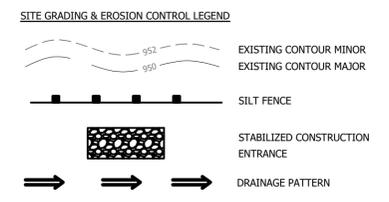
OWNER: KANE COUNTY FACILITIES
 PIN: 11-31-100-003
 ZONING: B-3

OWNER: ELBURN
 DEVELOPMENT CO
 JERRY GOLF
 PIN: 11-31-200-011
 ZONING: SU

OWNER: MEGAN & ADAM S SURTA
 PIN: 11-31-100-012
 ZONING: F-1

OWNER: MARTHA G & DAVID R THOMAS
 PIN: 11-31-100-013
 ZONING: F-1

OWNER: GLENVIEW STATE BANK,
 TRUST: 4310 % RONALD R DAMGAARD
 PIN: 11-31-100-008
 ZONING: F-1



- CONSTRUCTION SEQUENCE**
1. INSTALL SILT FENCE AND/OR STRAW WATTLES AS SHOWN ON PLAN. MAINTAIN AS NECESSARY DURING CONSTRUCTION.
 2. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
 3. BEGIN CLEARING AND GRUBBING OF SITE, IF APPLICABLE.
 4. STRIP ANY REMAINING TOPSOIL AND TEMPORARILY STOCKPILE ON SITE WHERE LOCALIZED DISTURBANCE ACTIVITIES OCCUR. (EXCESS TO BE REMOVED FROM SITE ACCORDING TO GENERAL CONTRACTOR'S CONSTRUCTION PHASING PLAN)
 5. BEGIN INSTALLATION OF SOLAR PANEL TRACKER AND RACKING ASSEMBLY.
 6. STABILIZE DISTURBED GROUND WITH TEMPORARY SEED AND MULCH.
 7. INSTALL LANDSCAPING.
 8. CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL BMP'S WHEN DISTURBED AREAS ARE PERMANENTLY STABILIZED AND NO LONGER SUSCEPTIBLE TO EROSION.

nexamp
 101 Summer Street, Boston, MA 02110
 Tel: (617) 431-1440 Fax: (978) 416-2525 Web: nexamp.com

Stantec

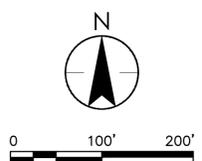
Rev	Issued For	Date	Drawn By	Approved By	Sheets Rev
1	SUP	2/16/2024	MSC	SRS	
2					
3					

P. E. seal/Consultant: CIVIL ENGINEER
 MARYREY CLEMENTI
 06040421 11032626

Project:
LORANG SOLAR, LLC
 KANE COUNTY, ILLINOIS

Drawing Title:
EROSION CONTROL AND GRADING PLAN

Dwg No: **C300** Size: D Sheet Rev: **1**



Company Confidential - This drawing or print is the property of Nexamp, Inc. and is subject to return on request. The design concepts and information contained herein are proprietary to Nexamp, Inc. and its subsidiaries and are submitted in confidence. They are not transferable and must be used only for the purpose for which the Drawing/print is expressly loaned. They must not be disclosed, reproduced detrimental to the interest of Nexamp, Inc. All patent rights are reserved unless they are expressly assigned in writing by a duly authorized representative of Nexamp, Inc.

8

7

6

5

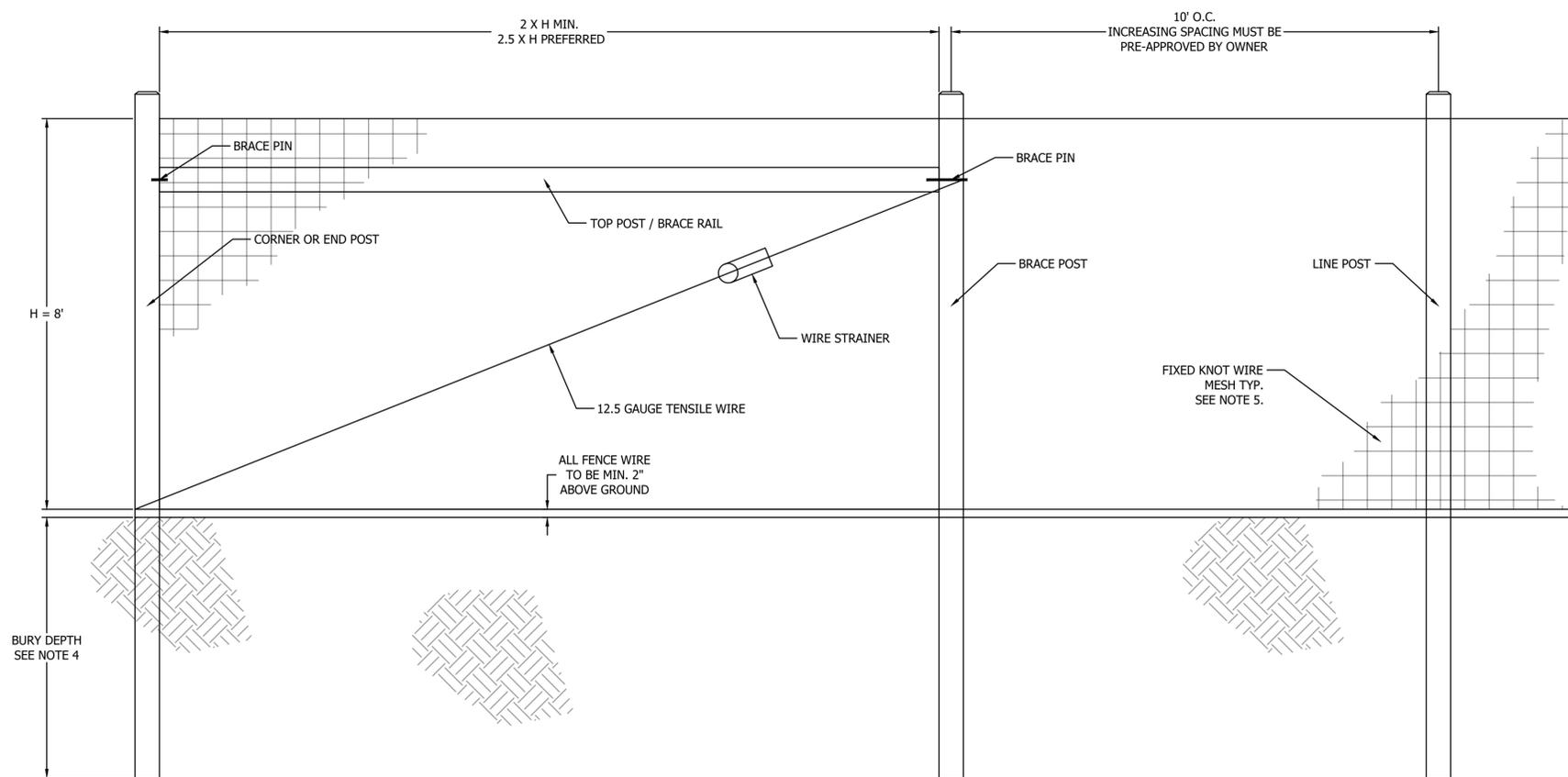
4

3

2

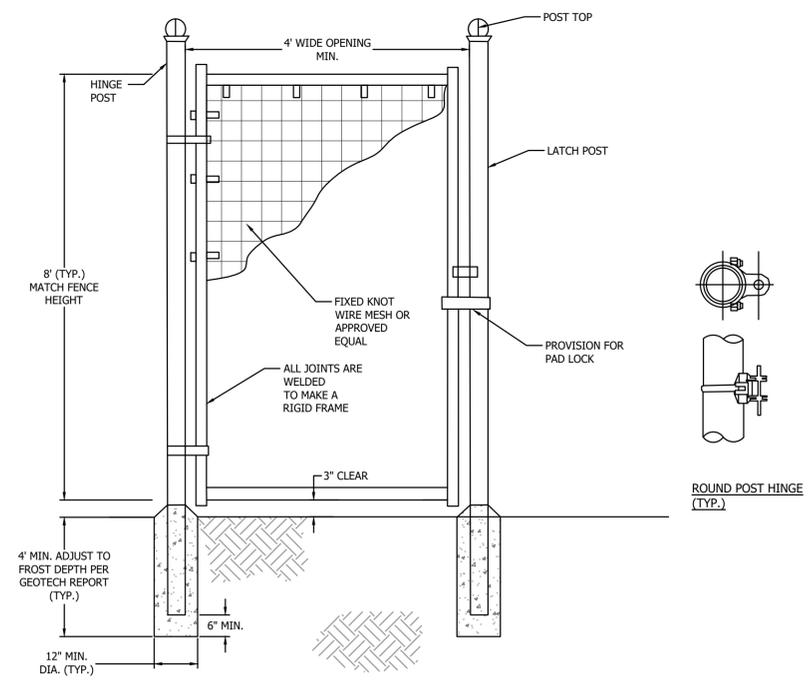
1

H
G
F
E
D
C
B
A

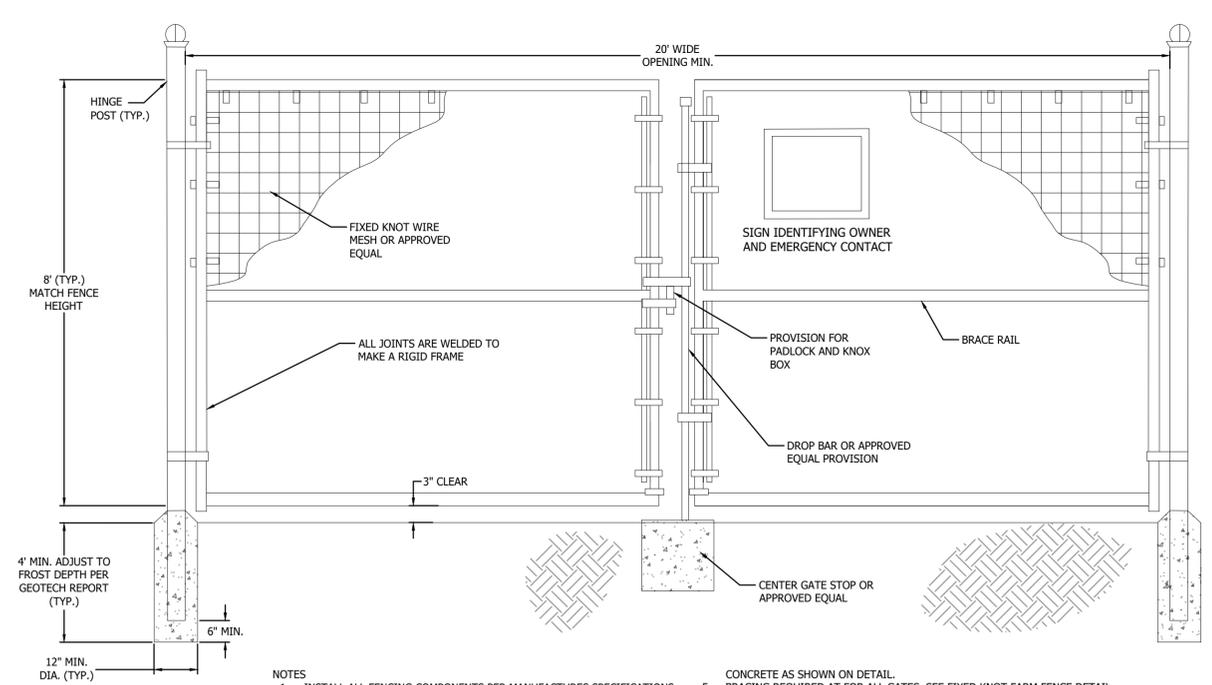


- NOTES
1. INSTALL ALL FENCING COMPONENTS PER MANUFACTURES SPECIFICATIONS.
 2. ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED.
 3. ALL SQUARE POSTS TO BE MIN. 5"X5" NOMINAL SIZE OR ROUND POST WITH MIN. 5" OR 6" DIAMETER PRESSURE TREATED WOOD OR APPROVED EQUAL. PREFER POSTS TO HAVE A CHAMFERED TOP.
 4. ALL LINE POST TO BE SET TO A MIN. DEPTH OF 4' BELOW GRADE, ALL CORNER, END OR GATE POSTS SHALL BE SET TO A MIN. DEPTH OF 6' BELOW GRADE, UNLESS OTHERWISE NOTED.
 5. FIXED KNOT WIRE MESH TO BE BEKAERT SOLIDLOCK® PRO, 12.5 GAUGE, CLASS 3 GALVANIZED, 6" VERTICAL SPACING OR APPROVED EQUAL.
 6. BRACING IS REQUIRED AT ALL CORNER, END, AND GATE POSTS. DOUBLE BRACING (TWO BRACE ASSEMBLIES IN A ROW) SHOULD BE USED FOR STRAIGHT RUNS OF FENCE THAT EXCEED 1,000 LF. AN ADDITIONAL BRACE ASSEMBLY SHOULD BE INSTALLED MID SPAN FOR STRAIGHT RUNS OF FENCE THAT EXCEED 1,320 LF. ADDITIONAL BRACING MAY BE STILL BE REQUIRED OVER UNEVEN TERRAIN, CONTRACTOR SHALL INSTALL ADDITIONAL BRACING AS NEEDED IF DEFLECTION IS NOTICED DURING TENSIONING.

1 FIXED KNOT FARM FENCE
NTS



- CONCRETE AS SHOWN ON DETAIL.
- NOTES
1. INSTALL ALL FENCING COMPONENTS PER MANUFACTURES SPECIFICATIONS.
 2. ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED.
 3. HINGE POSTS MAY BE TIMBER IF CONTRACTOR DESIRES, TIMBER HINGE POSTS DO NOT NEED TO BE SET IN CONCRETE. UTILIZE HINGE THRU BOLTS TO CONNECT TO TIMBER HINGE POSTS OR LAG SCREWS, PER MANUFACTURERS RECOMMENDATIONS.
 4. IF CONTRACTOR UTILIZES METAL HINGE POST THAN POSTS SHALL BE SET IN
 5. BRACING REQUIRED AT FOR ALL GATES. SEE FIXED KNOT FARM FENCE DETAIL.
 6. FIXED KNOT WIRE MESH TO BE BEKAERT SOLIDLOCK® PRO, 12.5 GAUGE, CLASS 3 GALVANIZED, 6" VERTICAL SPACING OR APPROVED EQUAL
 7. BRACE RAILS AND/ OR TRUSS RODS ARE NOT SHOWN, MAY BE REQUIRED PER MANUFACTURES RECOMMENDATIONS



- CONCRETE AS SHOWN ON DETAIL.
- NOTES
1. INSTALL ALL FENCING COMPONENTS PER MANUFACTURES SPECIFICATIONS.
 2. ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED.
 3. HINGE POSTS MAY BE TIMBER IF CONTRACTOR DESIRES, TIMBER HINGE POSTS DO NOT NEED TO BE SET IN CONCRETE. UTILIZE HINGE THRU BOLTS TO CONNECT TO TIMBER HINGE POSTS OR LAG SCREWS, PER MANUFACTURERS RECOMMENDATIONS.
 4. IF CONTRACTOR UTILIZES METAL HINGE POST THAN POSTS SHALL BE SET IN
 5. BRACING REQUIRED AT FOR ALL GATES. SEE FIXED KNOT FARM FENCE DETAIL.
 6. FIXED KNOT WIRE MESH TO BE BEKAERT SOLIDLOCK® PRO, 12.5 GAUGE, CLASS 3 GALVANIZED, 6" VERTICAL SPACING OR APPROVED EQUAL
 7. BRACE RAIL SHOWN FOR REFERENCE ADDITIONAL BRACE RAILS MAY BE REQUIRED (NOT SHOWN) OR TRUSS RODS MAY BE REQUIRED PER MANUFACTURES RECOMMENDATIONS

3 20' WIDE FIXED KNOT FARM FENCE DOUBLE SWING GATE
NTS

2 FIXED KNOT FARM FENCE PERSONNEL GATE
NTS

101 Summer Street, Boston, MA 02110
Tel: (617) 431-1440 Fax: (978) 416-2525 Web: nexamp.com

Rev	Issued For	Date	Drawn By	Approved By	Sheets Rev
1	SUP	2/16/2024	MSC	SIS	
2					
3					

P.E. seal/Consultant: CIVIL ENGINEER
MATTHEW CLARKE
062040423 11/08/2025

Project:
LORANG SOLAR, LLC
KANE COUNTY, ILLINOIS

Drawing Title:
CONSTRUCTION DETAILS

Approved by: #
Drawn by: ##

Dwg No:	Size: D	Sheet Rev:
C801		1

8

7

6

5

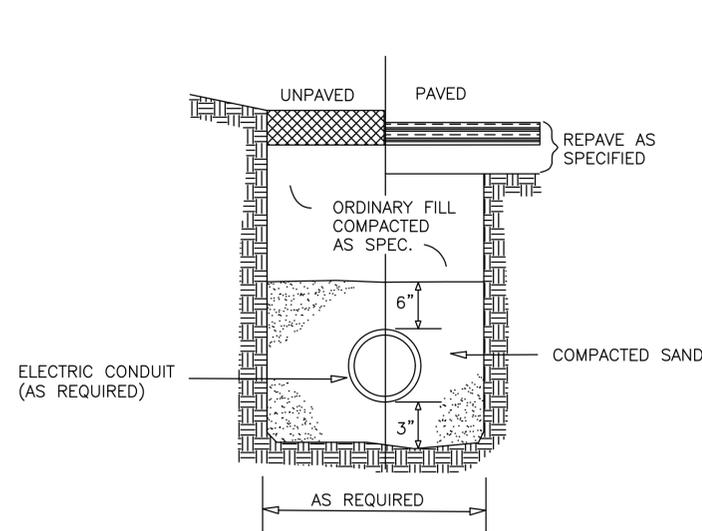
4

3

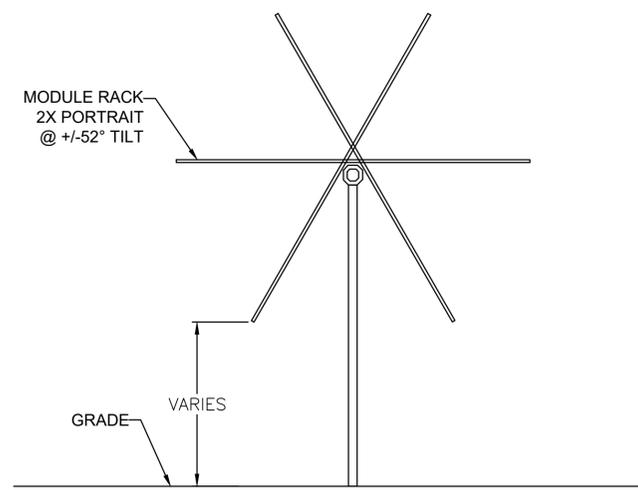
2

1

Company Confidential - This drawing or print is the property of Nexamp, Inc. and is subject to return on request. The design concepts and information contained herein are proprietary to Nexamp, Inc. and its subsidiaries and are submitted in confidence. They are not transferable and must be used only for the purpose for which the Drawing/print is expressly loaned. They must not be disclosed, reproduced detrimental to the interest of Nexamp, Inc.. All patent rights are reserved unless they are expressly assigned in writing by a duly authorized representative of Nexamp, Inc.

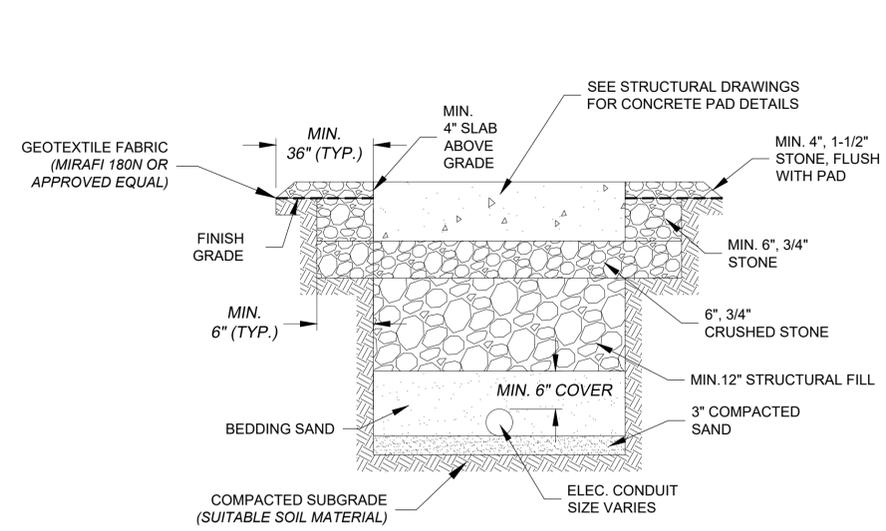


1 ELECTRIC CONDUIT TRENCH
NTS

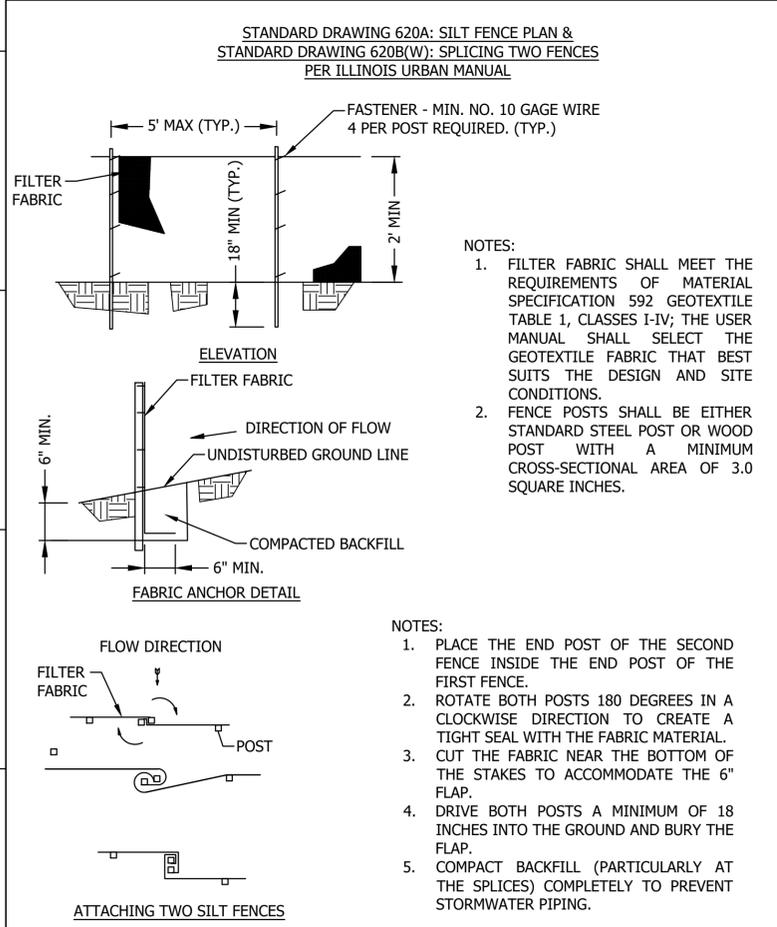


NOTES:
1. TRACKER HEIGHT RANGES ACCOUNT FOR ELEVATION CHANGE

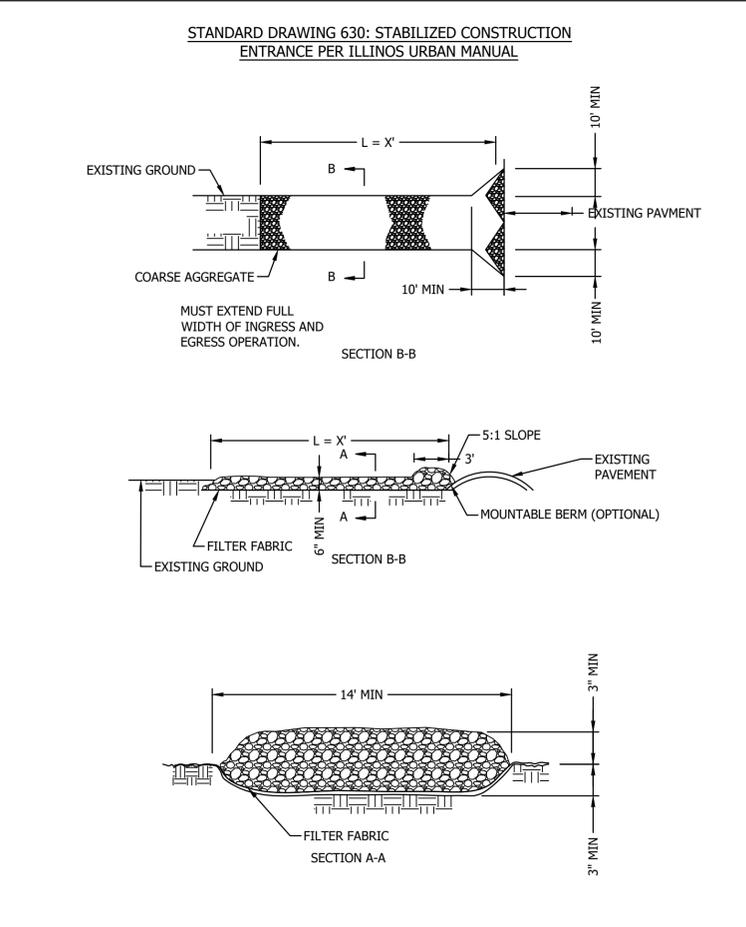
2 SOLAR ARRAY RACK DETAIL
NTS



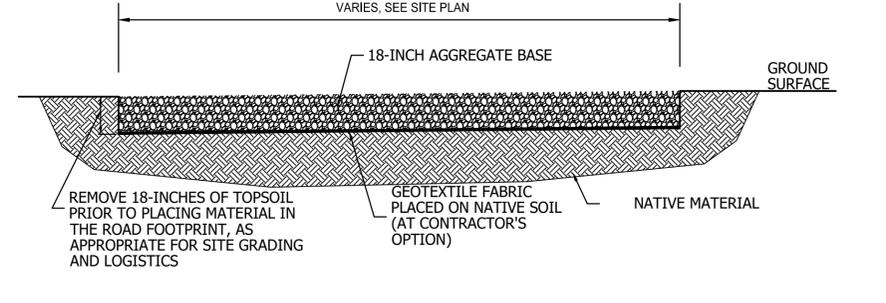
3 SUBSOIL EQUIPMENT FOUNDATION DETAIL
NTS



4 SILT FENCE
NTS



5 STABILIZED CONSTRUCTION ENTRANCE
NTS



6 TYPICAL ACCESS ROAD SECTION
NTS

**IN THE EVENT OF AN EMERGENCY
PLEASE DIAL 911**

Followed By a Second Call To:
857-239-0057

Your Location Is:
LORANG RD AND SEAVEY RD
BLACKBERRY TOWNSHIP, IL 60119

nexamp

DANGER

HIGH VOLTAGE - KEEP AWAY
AUTHORIZED PERSONNEL ONLY

**NO TRESPASSING. THIS SITE IS
MONITORED BY SURVEILLANCE.**

7 ELECTRICAL SYSTEM LABELS
NTS

nexamp

101 Summer Street, Boston, MA 02110
Tel: (617) 431-1440 Fax: (978) 416-2525 Web: nexamp.com

Stantec

Rev	Issued For	Date	Drawn By	Approved By	Sheets Rev
1	SUP	2/16/2024	MSC	SIS	
2					
3					

P.E. seal/Consultant: CIVIL ENGINEER
MATTHEW CLEMENT
0620042511020205

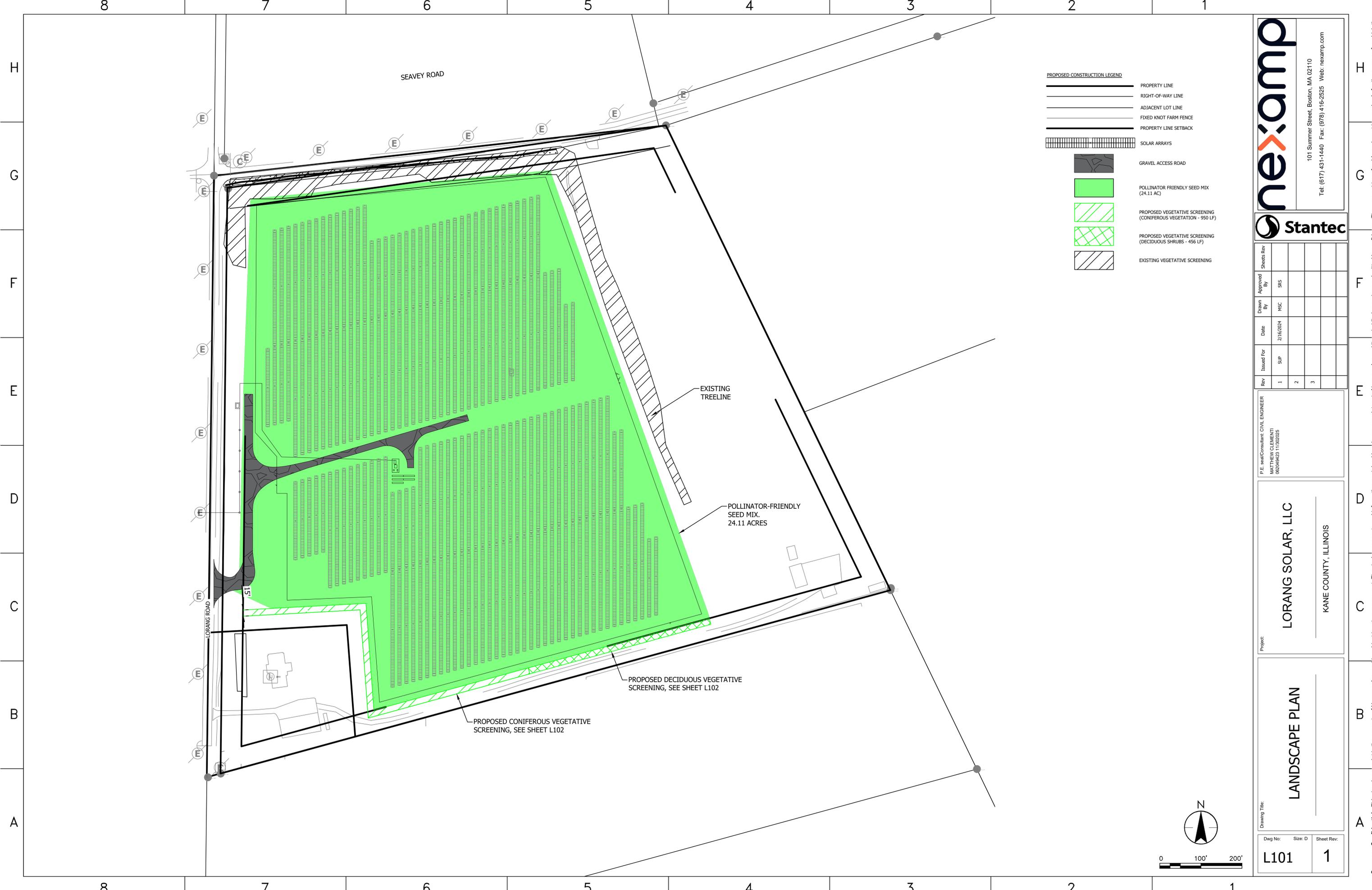
LORANG SOLAR, LLC
KANE COUNTY, ILLINOIS

CONSTRUCTION DETAILS

Project: _____
Drawing Title: _____
Dwg No: _____ Size: D Sheet Rev: _____

C802 **1**

Company Confidential - This drawing or print is the property of Nexamp, Inc. and is subject to return on request. The design concepts and information contained herein are proprietary to Nexamp, Inc. and its subsidiaries and are submitted in confidence. They are not transferable and must be used only for the purpose for which the Drawing/print is expressly loaned. They must not be disclosed, reproduced detrimental to the interest of Nexamp, Inc. All patent rights are reserved unless they are expressly assigned in writing by a duly authorized representative of Nexamp, Inc.



PROPOSED CONSTRUCTION LEGEND

	PROPERTY LINE
	RIGHT-OF-WAY LINE
	ADJACENT LOT LINE
	FIXED KNOT FARM FENCE
	PROPERTY LINE SETBACK
	SOLAR ARRAYS
	GRAVEL ACCESS ROAD
	POLLINATOR FRIENDLY SEED MIX (24.11 AC)
	PROPOSED VEGETATIVE SCREENING (CONIFEROUS VEGETATION - 950 LF)
	PROPOSED VEGETATIVE SCREENING (DECIDUOUS SHRUBS - 456 LF)
	EXISTING VEGETATIVE SCREENING

nexamp
 101 Summer Street, Boston, MA 02110
 Tel: (617) 431-1440 Fax: (978) 416-2525 Web: nexamp.com

Stantec

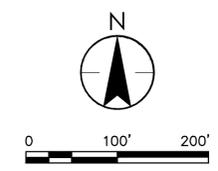
Rev	Issued For	Date	Drawn By	Approved By	Sheets Rev
1	SUP	2/16/2024	MSC	SIS	
2					
3					

P.E. seal/Consultant: CIVIL ENGINEER
 MATTHEW CLEMENTI
 082049423 11/02/2023

Project:
LORANG SOLAR, LLC
 KANE COUNTY, ILLINOIS

Drawing Title:
LANDSCAPE PLAN

Dwg No: **L101** Size: D Sheet Rev: **1**

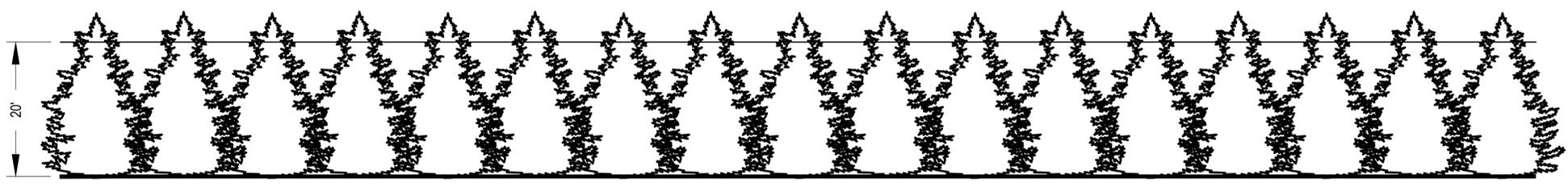


Company Confidential - This drawing or print is the property of Nexamp, Inc. and is subject to return on request. The design concepts and information contained herein are proprietary to Nexamp, Inc. and its subsidiaries and are submitted in confidence. They are not transferable and must be used only for the purpose for which the Drawing/print is expressly loaned. They must not be disclosed, reproduced detrimental to the interest of Nexamp, Inc. All patent rights are reserved unless they are expressly assigned in writing by a duly authorized representative of Nexamp, Inc.

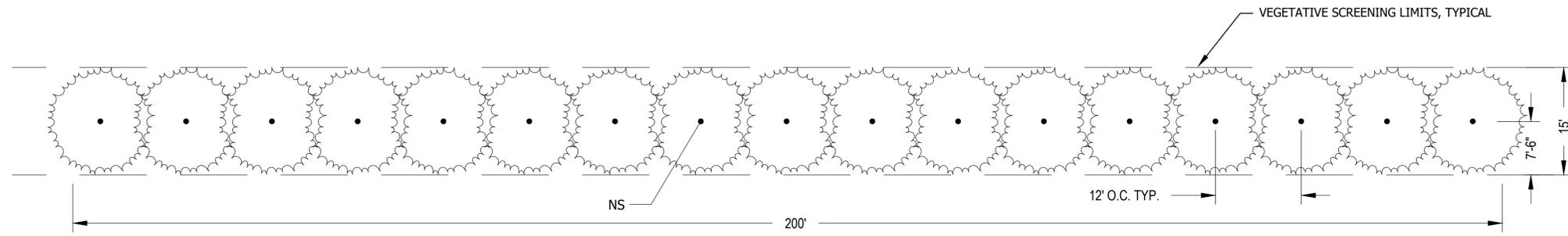
PLANT SCHEDULE: VEGETATIVE SCREEN									
QTY	SYMBOL	BOTANICAL NAME	COMMON NAME	ZONE	APPROXIMATE MATURE HEIGHT	APPROXIMATE MATURE SPREAD	AVG. ANNUAL GROWTH	SPECIFICATION	NOTES
PLANTS (156)									
80	NS	THUJA OCCIDENTALIS 'NORDIC SPIRE'	NORDIC SPIRE ARBORVITAE	5 TO 7	22'	14'	12"-24"	MIN. 5' HEIGHT - CONTAINER / BB	*SPACE PLANTS AS SHOWN BELOW
76	BMV	VIBURNUM DENTATUM 'CHRISTOM'	BLUE MUFFIN VIBURNUM	3 TO 8	8'	7'	12"-24"	MIN. 3' HEIGHT - CONTAINER	

*IF SPECIFIED PLANT MATERIAL IS NOT AVAILABLE, NOTIFY OWNER, ALONG WITH A PROPOSAL FOR USE OF EQUIVALENT MATERIAL. ANY PROPOSED SUBSTITUTION SHALL HAVE A SIMILAR GROWTH RATE, HARDINESS AND REQUIRE MINIMAL MAINTENANCE. DO NOT MAKE SUBSTITUTIONS WITHOUT OWNERS WRITTEN APPROVAL.

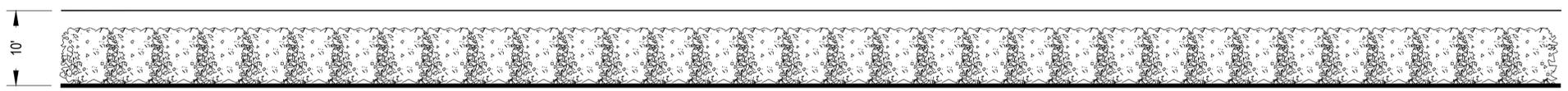
1
L1.02 VEGETATIVE SCREEN: PLANT SCHEDULE



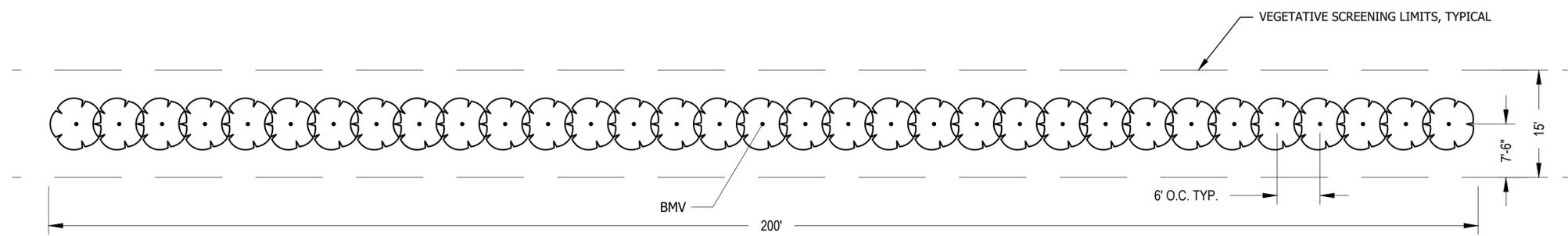
2
L1.02 CONIFEROUS VEGETATIVE SCREEN: SECTION VIEW OF TYPICAL 200' SEGMENT
SCALE: 1"=10'



3
L1.02 CONIFEROUS VEGETATIVE SCREEN: PLAN VIEW OF TYPICAL 200' SEGMENT
SCALE: 1"=10'



4
L1.02 DECIDUOUS SHRUBS VEGETATIVE SCREEN: SECTION VIEW OF TYPICAL 200' SEGMENT
SCALE: 1"=10'



5
L1.02 DECIDUOUS SRHUBS VEGETATIVE SCREEN: PLAN VIEW OF TYPICAL 200' SEGMENT
SCALE: 1"=10'

nexamp
101 Summer Street, Boston, MA 02110
Tel: (617) 431-1440 Fax: (978) 416-2525 Web: nexamp.com

Stantec

Rev	Issued For	Date	Drawn By	Approved By	Sheets Rev
1	SUP	2/16/2024	MSC	SIS	
2					
3					

P.E. seal/Consultant: CIVIL ENGINEER
MATTHEW CLEMENTI
062004242 11/06/2025

Project:
LORANG SOLAR, LLC
KANE COUNTY, ILLINOIS

Drawing Title:
LANDSCAPE DETAILS

Dwg No:	Size: D	Sheet Rev:
L102		1