PROJECT NAME

TRI-COUNTY SOLAR LLC

TAX MAP DATA:

TRI-COUNTY LANDFILL CO
PARCEL ID: 0901200017
±45.29 AC.

NAME OF OWNERS:

TRI-COUNTY LANDFILL COMPANY INC.
11701 COOPER WAY
ORLAND PARK IL 604677100

DEVELOPER

TRI-COUNTY SOLAR LLC
134 E 40TH STREET,
NEW YORK NY 10016

PROJECT ENGINEER

JAYCIE VARNER, PE
BOW RENEWABLES, LLC
1143 NORTHERN BLVD #180
CLARKS SUMMIT, PA 18411

POINT OF CONTACT

WILLIAM W. SCHNEIDER, PE
BOW RENEWABLES, LLC
1143 NORTHERN BLVD #180
CLARKS SUMMIT, PA 18411

SHEET INDEX

SUPPIMENTIAL PLANS

ALTA SURVEY

GENERAL NOTES

1. EACH COMMERCIAL SOLAR ENERGY FACILITES SHALL CONFORM TO APPLICABLE INDUSTRY STANDARDS, INCLUDING THOSE OF THE AMERICAN NATIONAL STANDARDS INSTITUTE ("ANSI"). APPLICANTS SHALL SUBMIT CERTIFICATES OF DESIGN COMPLIANCE THAT EQUIPMENT MANUFACTURERS HAVE OBTAINED FROM UNDERWRITERS LABORATORIES ("UL"), OR AN EQUIVALENT THIRD PARTY. ALL SOLAR PANELS, CELLS AND MODULES; SOLAR PANEL MOUNTS AND RACKING, INCLUDING ANY HELICAL PILES, GROUND SCREWS, BALLASTS, OR OTHER ANCHORING SYSTEMS SHALL BE NEW EQUIPMENT COMMERCIALLY AVAILABLE; NO USED OR EXPERIMENTAL EQUIPMENT SHALL BE USED WITHOUT THE APPROVAL OF A VARIANCE BY THE COUNTY BOARD.
2. SOIL INFORMATION IS SHOWN BASED ON DATA FOR KANE COUNTY FROM THE USDA NATURAL RESOURCE CONSERVATION SERVICE (NRCS) WEB SOILS SURVEY.
3. ALL APPLICABLE LOCAL, STATE AND FEDERAL PERMITS WILL BE OBTAINED FOR THIS PROJECT PRIOR TO CONSTRUCTION.
4. AS SHOWN ON THE FLOOD INSURANCE RATE MAPS FOR KANE COUNTY, ILLINOIS, MAP 17089C0260H 260 OF 410, EFFECTIVE 08/03/2009, THIS SITE AREA DETERMINED OF THIS SITE LIE IN ZONE X. AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAT 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD. AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
5. FOLLOWING THE GRANTING OF SITING APPROVAL UNDER THIS DIVISION, A STRUCTURAL ENGINEER SHALL CERTIFY, AS PART OF THE COMMERCIAL SOLAR ENERGY FACILITY BUILDING PERMIT APPLICATION PROCESS, THAT THE DESIGN OF THE COMMERCIAL SOLAR ENERGY FACILITY IS WITHIN ACCEPTED PROFESSIONAL STANDARDS, GIVEN LOCAL SOIL, SUBSURFACE AND CLIMATE CONDITIONS.
6. ELECTRICAL COMPONENTS: ALL ELECTRICAL COMPONENTS OF THE COMMERCIAL SOLAR ENERGY FACILITY SHALL CONFORM TO APPLICABLE LOCAL, STATE, AND NATIONAL CODES, AND RELEVANT NATIONAL AND INTERNATIONAL STANDARDS (E.G. ANSI AND INTERNATIONAL ELECTRICAL COMMISSION).
7. HEIGHT: NO COMPONENT OF A SOLAR PANEL, CELL OR MODULES MAY EXCEED TWENTY (20) FEET IN HEIGHT ABOVE THE GROUND AT FULL TILT.
8. FENCING: A FENCE OF AT LEAST EIGHT (8) FEET AND NOT MORE THAN TWENTY-FIVE (25) FEET IN HEIGHT SHALL ENCLOSE AND SECURE THE COMMERCIAL SOLAR ENERGY FACILITY.
9. WARNINGS

- A REASONABLY VISIBLE WARNING SIGN CONCERNING VOLTAGE MUST BE PLACED AT THE BASE OF ALL PAD-MOUNTED TRANSFORMERS AND SUBSTATIONS.
- VISIBLE, REFLECTIVE, COLORED OBJECTS, SUCH AS FLAGS, PLASTIC SLEEVES, REFLECTORS, OR TAPE SHALL BE PLACED ON THE ANCHOR POINTS OF GUY WIRES AND ALONG THE GUY WIRES UP TO A HEIGHT OF FIFTEEN (15) FEET FROM THE GROUND.

11. PROJECT UTILIZES NAD83 VERTICAL DATUM
12. ALTA SURVEY PERFORMED BY AUSTIN ENGINEERING CO., INC. AUGUST 2025.
13. THE CONTRACTOR SHALL CALL 811 AT LEAST 72 HOURS PRIOR TO BEGINNING CONSTRUCTION OR EXCAVATION TO HAVE EXISTING UTILITIES LOCATED. ADDITIONALLY, CONTRACTOR SHALL CONTACT ANY LOCAL UTILITIES THAT PROVIDE THEIR OWN LOCATOR SERVICES.
14. THE DEVELOPMENT WILL AVOID EASEMENTS AND PROVIDE THE MINIMUM SETBACKS NOTED FROM EXTERNAL PROPERTY BOUNDARIES AND DESIGNATED NATURAL RESOURCES.
15. THE COMMERCIAL SOLAR ENERGY FACILITY SHALL BE SITED AS FOLLOWS, WITH SETBACK DISTANCES MEASURED FROM THE NEAREST EDGE OF ANY COMPONENT OF THE FACILITY:

(A) OCCUPIED COMMUNITY BUILDINGS AND DWELLINGS ON NONPARTICIPATING PROPERTIES: ONE HUNDRED FIFTY (150) FEET TO THE NEAREST POINT ON THE OUTSIDE WALL OF THE STRUCTURE.

(B) BOUNDARY LINES OF PARTICIPATING PROPERTY: NONE.

(C) BOUNDARY LINES OF NONPARTICIPATING PROPERTY: FIFTY (50) FEET TO THE NEAREST POINT ON THE PROPERTY LINE OF THE NONPARTICIPATING PROPERTY.

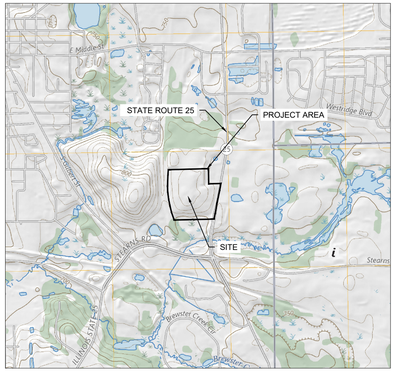
(D) PUBLIC ROAD RIGHTS-OF-WAY: FIFTY (50) FEET TO THE NEAREST EDGE OF THE PUBLIC ROAD RIGHT-OF-WAY.

811
Know what's Below.
Call before you dig.
1-800-252-1166

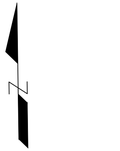
SITE PLAN
TRI-COUNTY SOLAR LLC

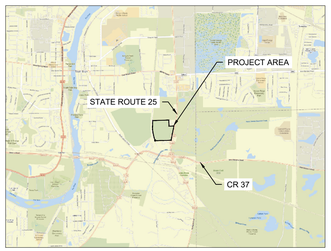
5 MW SOLAR PROJECT
ST. CHARLES,
KANE COUNTY
ILLINOIS, USA
STATE ROUTE 25

PERMIT ONLY-NOT FOR CONSTRUCTION

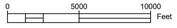


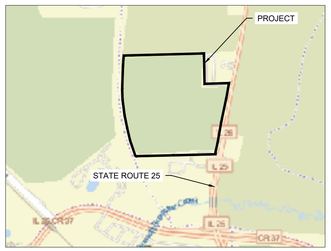
GENEVA
QUADRANGLE MAP
SCALE 1"= 2000'



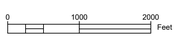


VICINITY MAP
SCALE 1"= 5000'





PROJECT LOCATION
SCALE 1"= 1000'

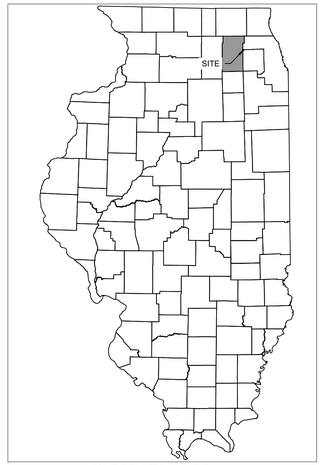


ZONING REQUIREMENTS

PANEL REQUIREMENTS	REQUIRED (FEET)	PROVIDED (FEET)
FRONT YARD SETBACK:	50	> 50
SIDE YARD SETBACK	50	> 50
REAR YARD SETBACK	50	> 50
PUBLIC ROAD RIGHTS-OF-WAY	50	> 50
OCCUPIED DWELLING SETBACK	150	> 150
PANEL HEIGHT (MAX TILT)	20	20
FENCE HEIGHT	8' MIN - 25' MAX	8
LAND USE: LANDFILL COMMERCIAL SOLAR ENERGY FACILITY 25-5-4-9: COMMERCIAL SOLAR ENERGY FACILITIES		

TOTAL PROJECT DEVELOPMENT AREA: ±45.29 Ac.
TOTAL EARTH DISTURBANCE SOLAR PV AREA: ±25.5 Ac.
TOTAL FENCED AREA: ±40.2 Ac.
TOTAL PROPOSED IMPERVIOUS AREA*: ±0.28 Ac.

*THE CONCRETE WASHOUT AREA AND LAYDOWN AREAS AREA TEMPORARY AND IS NOT CONSIDERED PERMANENT PROPOSED IMPERVIOUS.



KANE COUNTY, ILLINOIS

TRI-COUNTY SOLAR LLC
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DRAWN BY: LMM
CHECKED BY: WWS

Project Title:
TRI-COUNTY SOLAR
LAND DEVELOPMENT PLANS

Project Location:
STATE ROUTE 25
KANE COUNTY, ILLINOIS

Sheet Title:
COVER SHEET

DATE	REV.	DESCRIPTION

SCALE: AS NOTED
PROJECT #: 250028
PERMIT #
PLAN DATE: 9-9-2025

LD-001
Sheet 1 of 9

THE SITE OBJECTIVES INCLUDE:

1. PRESERVE THE INTEGRITY OF THE STREAM CHANNELS AND MAINTAIN AND PROTECT THE PHYSICAL, BIOLOGICAL AND CHEMICAL QUALITIES OF THE RECEIVING STREAMS.
2. PREVENT AN INCREASE IN THE RATE OF STORMWATER RUNOFF.
3. MINIMIZE ANY INCREASE IN STORMWATER RUNOFF VOLUME.
4. MINIMIZE IMPERVIOUS AREA.
5. MAXIMIZE THE PROTECTION OF EXISTING DRAINAGE FEATURES AND EXISTING VEGETATION.
6. MINIMIZE LAND CLEARING AND GRUBBING.
7. MINIMIZE SOIL COMPACTION AND LIMIT SOILS DISTURBING ACTIVITIES DURING THE RAINY SEASON.
8. UTILIZE STRUCTURAL AND NON-STRUCTURAL BMPS THAT PREVENT OR MINIMIZE CHANGES IN STORMWATER RUNOFF.
9. PROTECT UTILITY TRENCHES OR OTHER EXCAVATIONS AT THE END OF EACH WORKDAY

GENERAL NOTES:

1. THE DESIGN SHOWN IS BASED ON ENGINEER'S UNDERSTANDING OF EXISTING CONDITIONS. THE EXISTING CONDITIONS SHOWN ON THIS PLAN ARE BASED UPON ALTA AND TOPOGRAPHIC MAPPING PREPARED BY AUSTIN ENGINEERING CO., INC.. IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS WITHOUT EXCEPTION, CONTRACTOR SHALL HAVE MADE, AT OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW
2. CONTRACTOR IS SPECIFICALLY CAUTIONED THAT LOCATIONS OF EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM INFORMATION AVAILABLE. ENGINEER ASSUMES NO RESPONSIBILITY FOR THE UTILITY MAPPING ACCURACY. PRIOR TO START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES 48 HOURS PRIOR TO ANY EXCAVATION FOR ON-SITE LOCATIONS OF EXISTING UTILITIES. THE LOCATIONS OF UTILITIES SHALL BE OBTAINED BY THE CONTRACTOR BY CALLING JULIE, YOUR ILLINOIS ONE-CALL SYSTEM, AT 1-800-892-0123.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING VEHICULAR AND PEDESTRIAN TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPROPRIATE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARDS.
5. IF REQUIRED, CONTRACTOR SHALL PREPARE AND SUBMIT TO THE GOVERNING AUTHORITY A TRAFFIC AND/OR PEDESTRIAN TRAFFIC PLAN PER STATE STANDARDS TO BE APPROVED BY THE LOCAL GOVERNING AUTHORITY.
6. EXISTING TREES AND OTHER NATURAL VEGETATION WITHIN THE PROJECT AND/OR ADJACENT TO THE PROJECT ARE OF PRIME CONCERN TO THE CONTRACTOR'S OPERATIONS AND SHALL BE A RESTRICTED AREA. CONTRACTOR SHALL PROTECT TREES TO REMAIN AT ALL TIMES. EQUIPMENT SHALL NOT NEEDLESSLY BE OPERATED UNDER NEARBY TREES AND EXTREME CAUTION SHALL BE EXERCISED WHEN WORKING ADJACENT TO TREES. SHOULD ANY PORTION OF THE TREE BRANCHES REQUIRE REMOVAL TO PERMIT OPERATION OF THE CONTRACTOR'S EQUIPMENT, CONTRACTOR SHALL OBTAIN THE SERVICES OF A PROFESSIONAL TREE TRIMMING SERVICE TO TRIM THE TREES PRIOR TO THE BEGINNING OF OPERATION. SHOULD CONTRACTOR'S OPERATIONS RESULT IN THE BREAKING OF ANY LIMBS, THE BROKEN LIMBS SHOULD BE REMOVED IMMEDIATELY AND CUTS SHALL BE PROPERLY PROTECTED TO MINIMIZE ANY LASTING DAMAGE TO THE TREE. NO TREES SHALL BE REMOVED WITHOUT AUTHORIZATION BY THE ENGINEER. COSTS FOR TRIMMING SERVICES SHALL BE CONSIDERED INCIDENTAL TO THE GRADING CONSTRUCTION AND NO SPECIAL PAYMENT WILL BE MADE

GRADING NOTES:

1. PROPOSED CONTOURS ARE TO FINISHED SURFACE ELEVATION.
2. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
3. SAFETY NOTICE TO CONTRACTORS: IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS ON THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE ENGINEER OR THE DEVELOPER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON OR NEAR THE CONSTRUCTION SITE.
4. CONTRACTOR SHALL COMPLETE DEWATERING AS REQUIRED TO COMPLETE THE SITE GRADING CONSTRUCTION.
5. EXCAVATE TOPSOIL FROM AREAS TO BE FURTHER EXCAVATED OR REGRADED AND STOCKPILE IN AREAS DESIGNATED ON THE SITE. CONTRACTOR SHALL SALVAGE ENOUGH TOPSOIL FOR RESPREADING ON THE SITE AS SPECIFIED. EXCESS TOPSOIL SHALL BE PLACED IN EMBANKMENT AREAS, OUTSIDE OF EQUIPMENT PADS, DRIVEWAYS AND THE ARRAY LAYOUTS.
6. CONTRACTOR SHALL USE THE PROPOSED ACCESS DRIVEWAY FOR HAULING OF MATERIALS REQUIRED TO COMPLETE THE SOLAR INSTALLATION. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITY OF EACH PUBLIC ROADWAY. FOR OFFSITE MATERIAL TRANSPORT CONTRACTOR SHALL POST WHATEVER SECURITY, AND COMPLY WITH ALL CONDITIONS WHICH ARE REQUIRED BY EACH GOVERNING AUTHORITY OF EACH DRIVEWAY.
7. ANY WETLAND AREAS DAMAGED BY SITE OPERATIONS SHALL BE RESTORED AS REQUIRED BY THE JURISDICTIONAL AGENCY.

EARTHWORK NOTES

SITE PREPARATION

1. SITE CLEARING AND GRUBBING IS AS FOLLOWS:

1.a. SUBCONTRACTOR SHALL CLEAR AND GRUB ALL AREAS OF PROJECT SITE OUTSIDE OF LANDFILL CAP AND ONLY AS NECESSARY WITHIN PERIMETER FENCING, REMOVING ALL VEGETATION HIGHER THAN 3" AND OTHER DELETERIOUS MATERIALS.

1.b. SUBCONTRACTOR SHALL CLEAR VEGETATION AND OTHER DELETERIOUS ORGANIC MATERIAL, AS NECESSARY, FROM PROPOSED EQUIPMENT PADS, ROADWAYS, AND AREAS TO RECEIVE FILL. STOCKPILE TOPSOIL AND IMMEDIATELY STABILIZE UNTIL RE-SPREAD FOR USE TO RE-VEGETATE DISTURBED AREAS AFTER EARTH WORK OPERATIONS ARE COMPLETE.

2. SUBGRADE PREPARATION FOR EQUIPMENT PADS, SPREAD FOOTINGS, AND ROADWAYS IS AS FOLLOWS:

2.a. SCARIFY TO A MINIMUM DEPTH OF 12 INCHES.

2.b. MOISTURE CONDITION SOILS TO BETWEEN 1% BELOW AND 3% ABOVE OPTIMUM MOISTURE CONTENT.

2.c. COMPACT TO A MINIMUM OF 95% OF STANDARD PROCTOR MAXIMUM DENSITY. EXCAVATION SHALL EXTEND 5' BEYOND EXTENTS OF IMPROVEMENTS FOR PADS OR FOOTINGS.

2.d. PROOF ROLL WITH FULLY LOADED DUMP TRUCK OR OTHER SIMILARLY WEIGHTED PNEUMATIC TIRED EQUIPMENT.

2.e. UNSTABLE AREAS IDENTIFIED DURING PROOF ROLL SHOULD BE EXCAVATED A MINIMUM OF 12 INCHES AND RE-STABILIZED.

3. SUBGRADE PREPARATION FOR NON-STRUCTURAL FILL AREAS SHALL CONSIST OF COMPACTION TO 90% OF STANDARD PROCTOR MAXIMUM DENSITY.

FILL PLACEMENT

1. ENGINEERED FILL - SOILS CLASSIFIED AS GW, GM, SW, SM, SC, ML, AND CL BY THE USCS ARE ACCEPTABLE FOR USE AS STRUCTURAL FILL. MOST ON-SITE SOILS ARE EXPECTED TO BE SUITABLE FOR USE AS ENGINEERED FILL IF THEY ARE FREE OF ORGANIC SOIL AND DEBRIS.
2. SELECT GRANULAR FILL - GRANULAR, WELL GRADED MATERIAL WITH NO ORGANICS, A MAXIMUM PARTICLE SIZE OF 2 INCHES, AND LESS THAN 12 PERCENT PASSING THE U.S. NO. 200 SEIVE.
3. IN THE EVENT CLAY FILL IS ENCOUNTERED, CLAY FILL SHALL BE MOISTENED TO BETWEEN 1 PERCENT BELOW AND 3 PERCENT ABOVE OPTIMUM MOISTURE CONTENT. SAND FILL SHALL BE MOISTENED TO BETWEEN 3 PERCENT BELOW AND 3 PERCENT ABOVE OPTIMUM MOISTURE CONTENT.
4. FILL SHALL BE PLACED IN LIFTS OF LESS THAN 8 INCHES LOOSE DEPTH AND COMPACTED TO AT LEAST 90% OF STANDARD PROCTOR MAXIMUM DENSITY PER ASTM D698.
5. TRENCH BACKFILL FOR PROPOSED CULVERT OR POND OUTLET SHALL BE COMPACTED TO AT LEAST 85 PERCENT OF STANDARD PROCTOR MAXIMUM DENSITY, EXCEPT IN STRUCTURAL AREAS WHICH SHALL BE COMPACTED TO 95 PERCENT.
6.

EARTHWORK BALANCE

THE INTENTION OF THE GRADING DESIGN IS TO BALANCE THE EARTHWORK ON SITE WITHOUT THE NEED FOR IMPORT OR EXPORT. THE CONTRACTOR SHALL FIELD ADJUST CUT AND FILL AS NECESSARY TO CREATE A BALANCED SITE WITHOUT NEGATIVELY IMPACTING DRAINAGE PATTERNS OR INCREASING MAXIMUM SLOPES.

AGGREGATES

AGGREGATE BASE AND COARSE AGGREGATE SHALL BE MOISTENED TO WITHIN 2 PERCENT OFOPTIMUM MOISTURE CONTENT AND COMPACTED TO A MINIMUM OF 95% OF STANDARD PROCTOR MAXIMUM DENSITY. PROOF ROLL WITH FULLY LOADED DUMP TRUCK OR OTHER SIMILARLY WEIGHTED PNEUMATIC TIRED EQUIPMENT.

AGGREGATE GRADATION - SHALL COMPLY WITH THE GRADATION REQUIREMENTS OF CA-4 OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

RIP RAP GRADATION - SHALL COMPLY WITH THE GRADATION REQUIREMENTS OF RR-3 RIP RAP OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

GEOTEXTILE FABRIC

IF SITE CONDITIONS WARRANT USE OF A GEOTEXTILE FABRIC, CONTRACTOR SHALL USE MIRAFI 160N OR EQUAL, PER GEOTECH REPORT

SUBSURFACE UTILITY NOTES

THE SUBSURFACE UTILITY INFORMATION SHOWN ON THESE PLANS IS A UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF ASCE/CI 38-02, TITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA." THE CONTRACTOR AND/OR SUBCONTRACTORS SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, BY CONTACTING THE NOTIFICATION CENTER (J.U.L.I.E). THE CONTRACTOR AND/OR SUBCONTRACTOR AGREE TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES, WHICH MIGHT BE OCCASIONED BY HIS OR HER FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES (UNDERGROUND AND OVERHEAD),.

TESTING REQUIREMENT NOTES

DEFINITION:

1. CONTRACTOR SHALL COMPLETE THE SITE GRADING CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE OWNER'S SOILS ENGINEER. ALL SOIL TESTING SHALL BE COMPLETED BY THE OWNER'S SOILS ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOIL TESTS AND INSPECTIONS WITH THE SOILS ENGINEER.
2. SUBGRADE PROOFROLLING TEST SHALL BE CONSIDERED ACCEPTABLE IF RUTTING IS NO GREATER THAN 1.5", AND NO "PUMPING" OF THE SOIL BEHIND THE PROOF ROLL.
3. STANDARD PROCTOR DENSITY TESTS SHALL BE IN CONFORMANCE WITH ASTM D698.
4. SOIL DENSITY IN PLACE TESTING SHALL BE IN CONFORMANCE WITH ASTM D2922.
5. MOISTURE CONTENT TEST OF IN PLACE SOIL SHALL BE IN CONFORMANCE WITH ASTM D3017.

EXECUTION

1. COMPACTED SUBGRADE IN STRUCTURAL AREAS SHALL BE TESTED AS FOLLOWS:

1.1. ONE TEST PER 100 LF OF ROAD.

1.2. ONE TEST PER ELECTRICAL EQUIPMENT PAD

2. FILL MATERIAL SHALL BE TESTED AT A MINIMUM ONCE PER SOIL TYPE FOR GRAIN SIZE, SOIL CLASSIFICATION, PROCTOR TESTS, AND MOISTURE CONTENT. FILL PLACEMENT SHALL BE TESTED FOR DENSITY AT A MINIMUM OF ONE TEST PER 2,500 SF PER LIFT.
3. AGGREGATE BASE DENSITY SHALL BE TESTED BY PROOF ROLLING WITH A FULLY LOADED DUMP TRUCK (MINIMUM GROSS WEIGHT OF 25 TONS) OR OTHER SIMILARLY WEIGHTED PNEUMATIC TIRED EQUIPMENT. AGGREGATE PROOFROLLING TEST SHALL BE CONSIDERED ACCEPTABLE IF RUTTING IS NO GREATER THAN 1.5".

3.1. AT THE COMPLETION OF CONSTRUCTION, RE-GRADE AGGREGATE ROAD SURFACES TO DESIGNED SURFACE PROFILE, ELIMINATING RUTS CAUSED BY CONSTRUCTION TRAFFIC.

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TRI-COUNTY SOLAR LLC
134 E 40TH STREET,
NEW YORK, NY 10016

DRAWN BY: LMM
CHECKED BY: WWS

Project Title:
TRI-COUNTY SOLAR
LAND DEVELOPMENT PLANS

Project Location:
STATE ROUTE 25
KANE COUNTY, ILLINOIS

Sheet Title:
GENERAL NOTES

REV.	DESCRIPTION	DATE

SCALE: AS NOTED
PROJECT #: 250028
PERMIT #
PLAN DATE: 9-9-2025

LD-002
Sheet 2 of 9

NOTES

1. ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO ACCOMMODATE CONSTRUCTION, OPERATIONS, MAINTENANCE AND EMERGENCY ACCESS VEHICLES.
2. TREE CLEARING TO BE AVOIDED WHENEVER POSSIBLE.
3. MINIMAL SITE GRADING PROPOSED TO PREVENT RILLING AND EROSION BENEATH SOLAR PANELS. EXISTING SITE DRAINAGE PATTERNS SHALL BE MAINTAINED.
4. LAND BENEATH THE SOLAR PANELS SHALL BE RE-VEGETATED AS GOOD CONDITION MEADOW AS INDICATED ON THE LANDSCAPING PLAN. THIS MEASURE WILL REDUCE RUNOFF VOLUMES AND MINIMIZE SEDIMENT LOSS AS A BEST MANAGEMENT PRACTICE.
5. PERMANENT VEGETATION TO BE SEEDED AND MAINTAINED AS GOOD CONDITION MEADOW SOLAR FARM SEED MIX WITHIN THE FENCED PV ARRAY AREA.

MV LINE NOTES:

1. CONTRACTOR SHALL MEET WITH DEVELOPER AND LAND OWNER PRIOR TO INSTALLING THE MV LINE
2. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS, OUTSIDE OF LEASE AREA, RESTORATION SHALL MATCH EXISTING CONDITIONS.

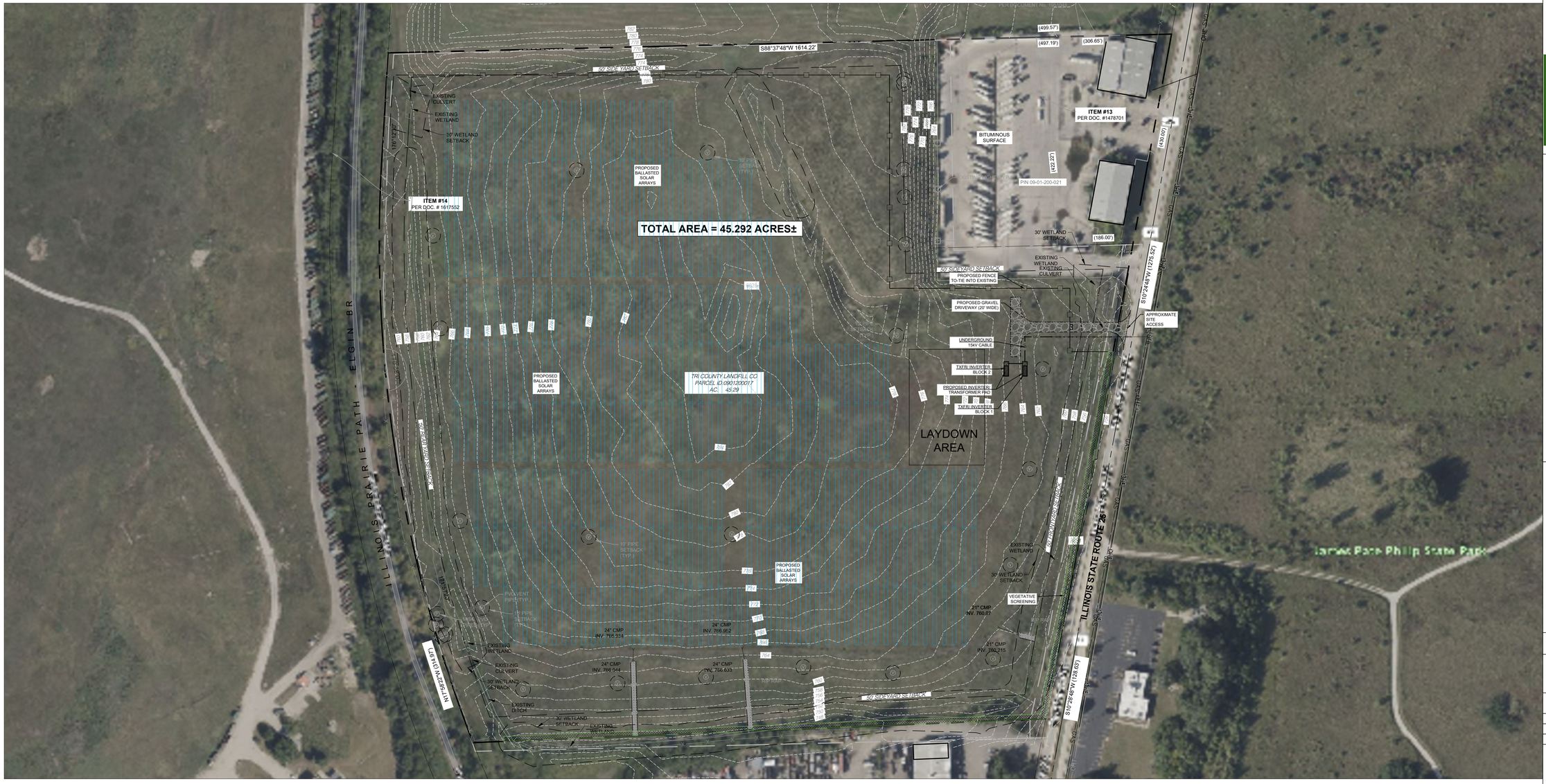
EXISTING FEATURES LEGEND

- PROJECT BOUNDARY
- ADJOINER PARCEL BOUNDARY
- SETBACK BOUNDARY
- EXISTING RIGHT-OF-WAY LINE
- EXISTING ROADWAY CENTERLINE
- EXISTING EDGE OF PAVEMENT
- EXISTING EASEMENT
- OHE — EXISTING OVERHEAD ELECTRICAL LINE
- OHT — EXISTING OVERHEAD TELEPHONE LINE
- GAS — EXISTING GAS LINE
- (V) EXISTING MISC PIPE VENT
- (P) EXISTING PVC PIPE
- EXISTING PIPE
- 100yr — EXISTING FLOODPLAIN BOUNDARY
- EXISTING WETLANDS
- EXISTING BUILDING/STRUCTURE
- EXISTING UTILITY POLE
- 3B2 SOIL TYPE

PROPOSED FEATURES LEGEND

- LOD LOD LOD — PROPOSED LIMIT OF DISTURBANCE
- PROPOSED 20' WIDE GRAVEL ACCESS DRIVE
- PROPOSED FENCELINE
- PROPOSED UTILITY (AD/DC TRENCH)
- PROPOSED OVERHEAD ELECTRICAL LINE AND UTILITY POLES TO POINT OF INTERCONNECT
- PROPOSED VEGETATED PLANTING STRIP
- PROPOSED SOLAR ARRAYS
- PROPOSED UTILITY PAD
- PROPOSED GATE

0 80 160 Feet



TRI-COUNTY SOLAR LLC	134 E 40TH STREET, NEW YORK, NY 10016
BOW RENEWABLES 1143 NORTHERN BLVD #180 CLARKS SUMMIT, PA 18411 info@bowrenewables.com www.bowrenewables.com	P: 312-857-5486
DRAWN BY: LMM CHECKED BY: WWS	

Project Title:
TRI-COUNTY SOLAR
LAND DEVELOPMENT PLANS

Project Location:
STATE ROUTE 25
KANE COUNTY, ILLINOIS

Sheet Title:
LAYOUT (WITH AERIAL)

REV.	DESCRIPTION	DATE

SCALE: 1"=100'
PROJECT #: 250028
PERMIT #
PLAN DATE: 9-9-2025

LD-100
Sheet 3 of 9

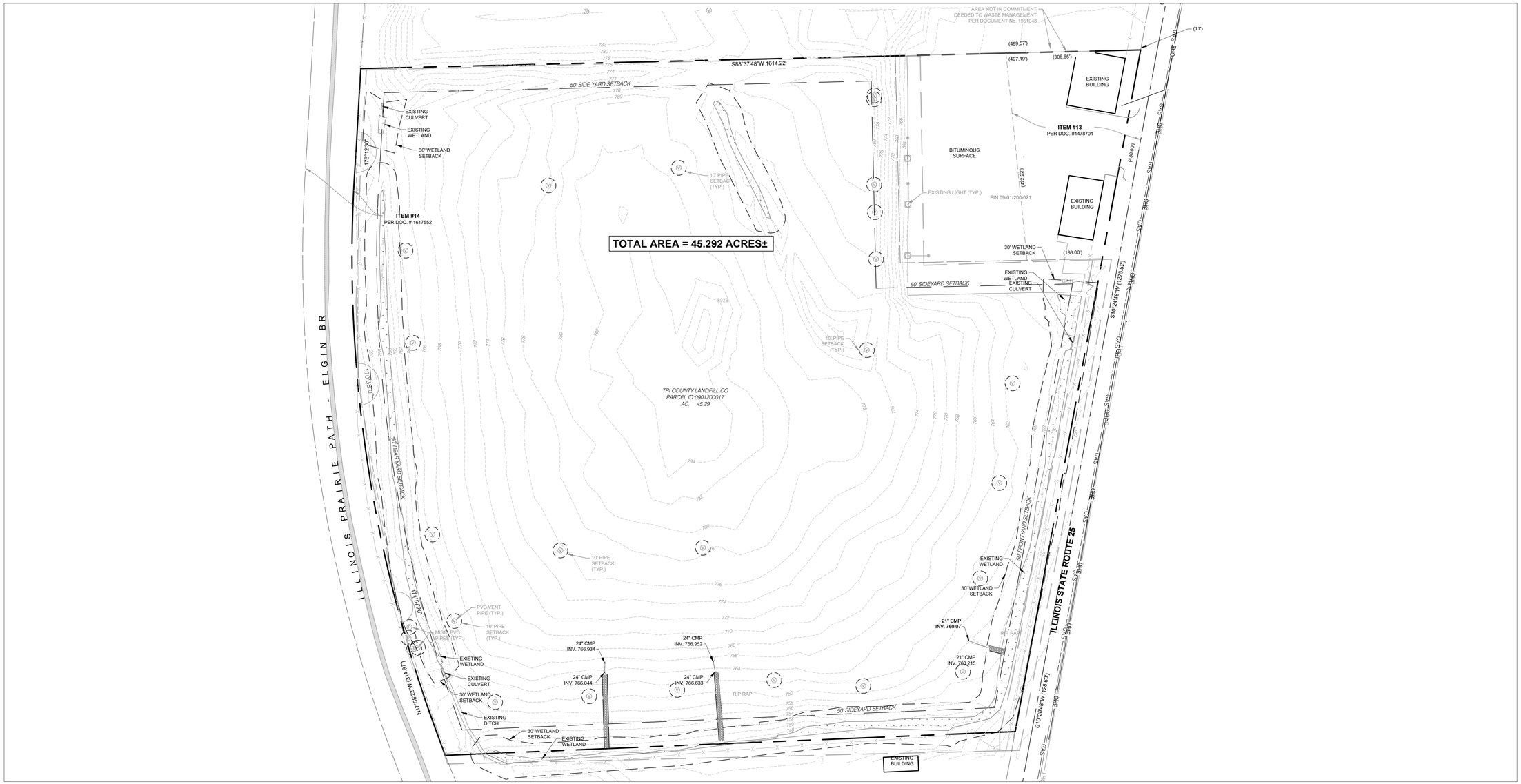
GENERAL NOTES

- NO WELLS OR SEPTIC FIELDS ARE LOCATED WITHIN THE PROPERTY.
- NO BUILDINGS ARE LOCATED WITHIN THE PROPERTY.
- NO DRAIN TILES ARE KNOWN TO OCCUR WITHIN THE PROPERTY.
- AS SHOWN ON THE FLOOD INSURANCE RATE MAPS FOR KANE COUNTY, ILLINOIS, MAP 17089C0260H 260 OF 410, EFFECTIVE 08/03/2009, THIS SITE AREA DETERMINED OF THIS SITE LIE IN ZONE X. AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAT 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD. AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

EXISTING FEATURES LEGEND

- PROJECT BOUNDARY
- ADJOINER PARCEL BOUNDARY
- SETBACK BOUNDARY
- EXISTING RIGHT-OF-WAY LINE
- EXISTING ROADWAY CENTERLINE
- EXISTING EDGE OF PAVEMENT
- EXISTING EASEMENT
- OHE — EXISTING OVERHEAD ELECTRICAL LINE
- OHT — EXISTING OVERHEAD TELEPHONE LINE
- GAS — EXISTING GAS LINE
- (V) EXISTING MISC PIPE VENT
- (P) EXISTING PVC PIPE
- EXISTING PIPE
- 100yr — EXISTING FLOODPLAIN BOUNDARY
- EXISTING WETLANDS
- EXISTING BUILDING/STRUCTURE
- EXISTING UTILITY POLE
- 3B2 SOIL TYPE

0 80 160 Feet



TRI-COUNTY SOLAR LLC

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DRAWN BY: LMM
CHECKED BY: WWS

Project Title:
TRI-COUNTY SOLAR
LAND DEVELOPMENT PLANS

Project Location:
STATE ROUTE 25
KANE COUNTY, ILLINOIS

Sheet Title:
EXISTING CONDITIONS

DATE	REV.	DESCRIPTION

SCALE: 1"=100'
PROJECT #: 250028
PERMIT #
PLAN DATE: 9-9-2025

LD-101
Sheet 4 of 9

NOTES

1. ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO ACCOMMODATE CONSTRUCTION, OPERATIONS, MAINTENANCE AND EMERGENCY ACCESS VEHICLES.
2. TREE CLEARING TO BE AVOIDED WHENEVER POSSIBLE.
3. MINIMAL SITE GRADING PROPOSED TO PREVENT RILLING AND EROSION BENEATH SOLAR PANELS. EXISTING SITE DRAINAGE PATTERNS SHALL BE MAINTAINED.
4. LAND BENEATH THE SOLAR PANELS SHALL BE RE-VEGETATED AS GOOD CONDITION MEADOW AS INDICATED ON THE LANDSCAPING PLAN. THIS MEASURE WILL REDUCE RUNOFF VOLUMES AND MINIMIZE SEDIMENT LOSS AS A BEST MANAGEMENT PRACTICE.
5. PERMANENT VEGETATION TO BE SEEDED AND MAINTAINED AS GOOD CONDITION MEADOW SOLAR FARM SEED MIX WITHIN THE FENCED PV ARRAY AREA.

MV LINE NOTES:

1. CONTRACTOR SHALL MEET WITH DEVELOPER AND LAND OWNER PRIOR TO INSTALLING THE MV LINE

2. CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS, OUTSIDE OF LEASE AREA, RESTORATION SHALL MATCH EXISTING CONDITIONS.

EXISTING FEATURES LEGEND

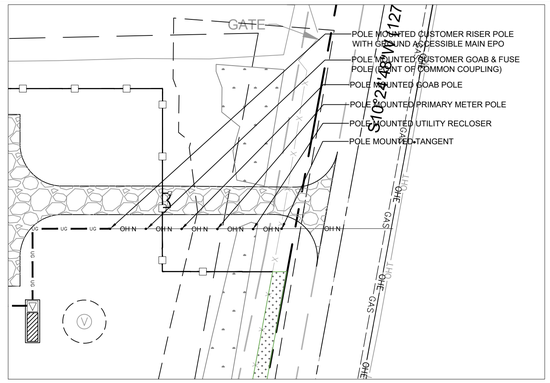
- PROJECT BOUNDARY
- ADJOINER PARCEL BOUNDARY
- SETBACK BOUNDARY
- EXISTING RIGHT-OF-WAY LINE
- EXISTING ROADWAY CENTERLINE
- EXISTING EDGE OF PAVEMENT
- EXISTING EASEMENT
- OHE — EXISTING OVERHEAD ELECTRICAL LINE
- OHT — EXISTING OVERHEAD TELEPHONE LINE
- GAS — EXISTING GAS LINE
- Ⓥ EXISTING MISC PIPE VENT
- Ⓟ EXISTING PVC PIPE
- EXISTING PIPE
- 100yr EXISTING FLOODPLAIN BOUNDARY
- EXISTING WETLANDS
- EXISTING BUILDING/STRUCTURE
- EXISTING UTILITY POLE
- 3B2 SOIL TYPE

PROPOSED FEATURES LEGEND

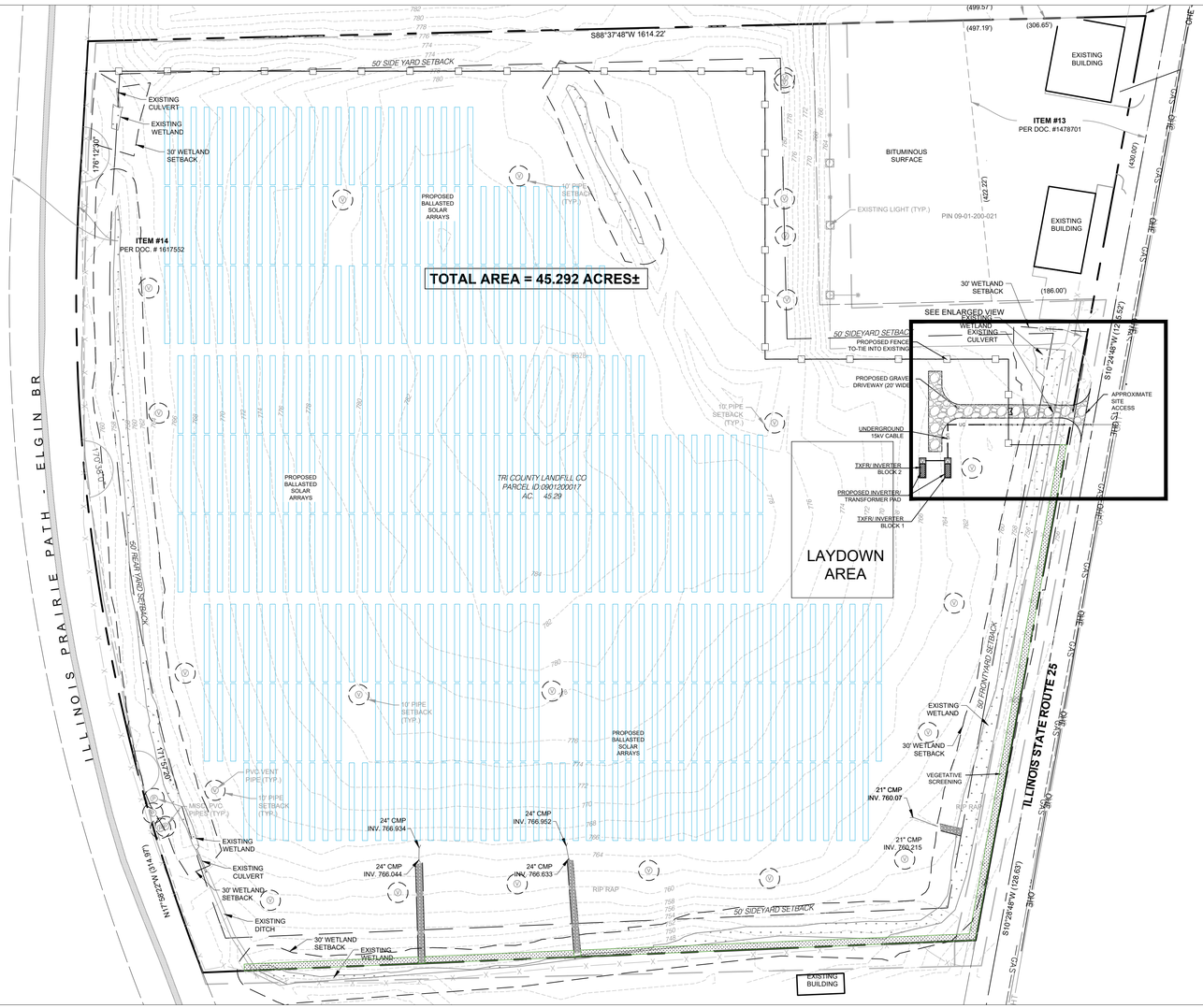
- LOD LOD LOD PROPOSED LIMIT OF DISTURBANCE
- PROPOSED 20' WIDE GRAVEL ACCESS DRIVE
- PROPOSED FENCELINE
- PROPOSED UTILITY (AD/DC TRENCH)
- PROPOSED OVERHEAD ELECTRICAL LINE AND UTILITY POLES TO POINT OF INTERCONNECT
- PROPOSED VEGETATED PLANTING STRIP
- PROPOSED SOLAR ARRAYS
- PROPOSED UTILITY PAD
- PROPOSED GATE

0 80 160 Feet

* CHANGES TO THESE CONSTRUCTION METHODS AND STIPULATIONS SHALL REQUIRE CONSULTATION APPROVAL BY THE USACE.



ENLARGED VIEW



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Project Title:
TRI-COUNTY SOLAR
LAND DEVELOPMENT PLANS

Project Location:
STATE ROUTE 25
KANE COUNTY, ILLINOIS

Sheet Title:
PROPOSED SITE PLAN

DATE	REV.	DESCRIPTION

SCALE: 1"=100'
PROJECT #: 250028
PERMIT #
PLAN DATE: 9-9-2025

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Sheet 5 of 9

NOTES:

1. CONTRACTOR SHALL RESTORE ALL AREAS DISTURBED BY MV LINE INSTALLATION. OUTSIDE OF LEASE AREA, RESTORATION SHALL MATCH EXISTING CONDITIONS.
2. SEE LANDSCAPING SHEET 303 FOR SCREENING CALCULATION.
3. UTILIZE SEED MIXES AS SHOWN ON THIS PLAN. FOR ALL OTHER DISTURBED AREAS, UTILIZE IDOT CLASS 1B (LOW MAINTENANCE GRASS MIX)

EXISTING FEATURES LEGEND

- PROJECT BOUNDARY
- ADJOINER PARCEL BOUNDARY
- SETBACK BOUNDARY
- EXISTING RIGHT-OF-WAY LINE
- EXISTING ROADWAY CENTERLINE
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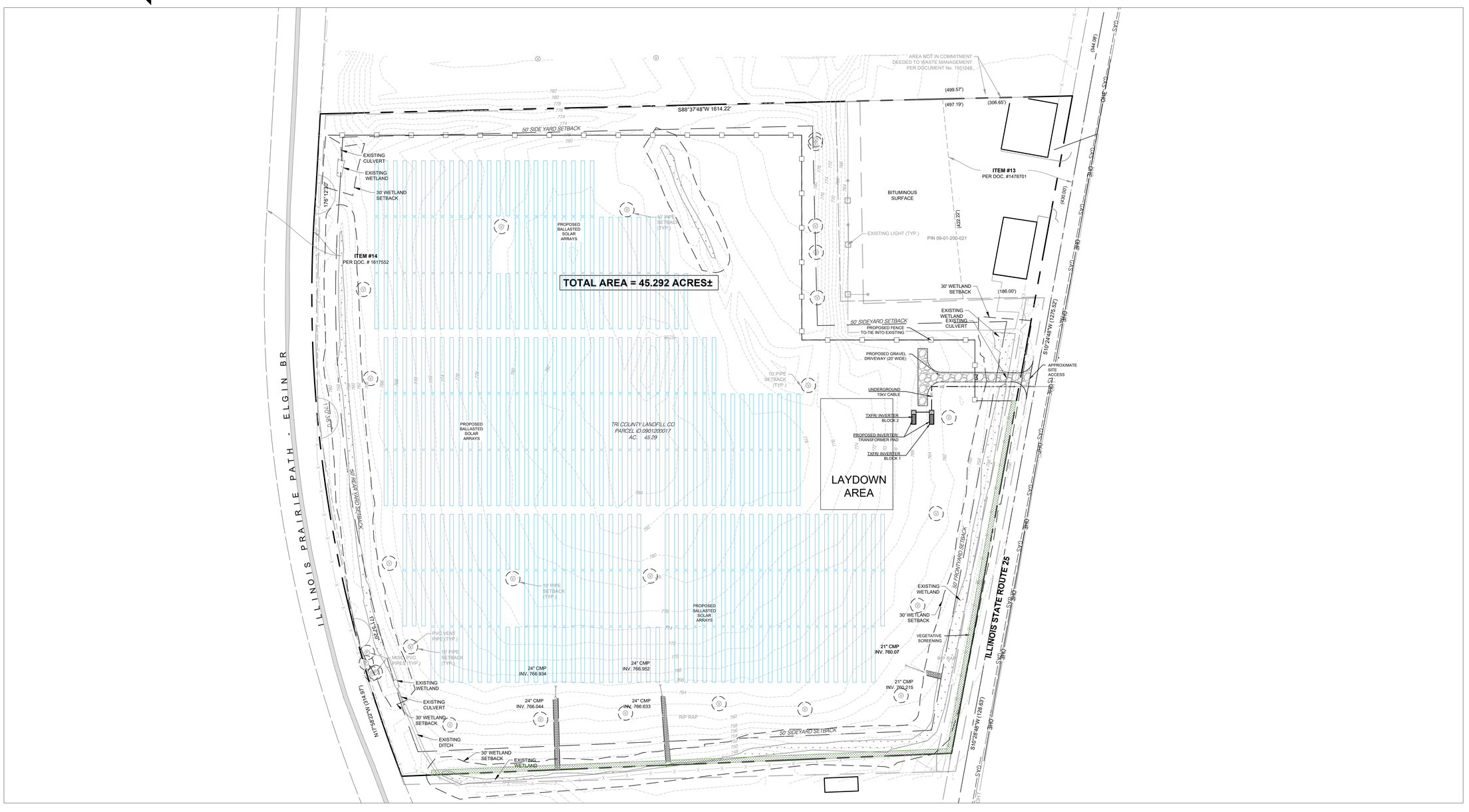
- EXISTING WETLANDS
- EXISTING BUILDING/STRUCTURE
- EXISTING UTILITY POLE
- 3B2 SOIL TYPE

PROPOSED FEATURES LEGEND

- LOD LOD LOD PROPOSED LIMIT OF DISTURBANCE
- PROPOSED 20' WIDE GRAVEL ACCESS DRIVE
- PROPOSED FENCELINE
- PROPOSED UTILITY (AD/DC TRENCH)
- PROPOSED OVERHEAD ELECTRICAL LINE AND UTILITY POLES TO POINT OF INTERCONNECT
- PROPOSED VEGETATED PLANTING STRIP
- PROPOSED SOLAR ARRAYS
- PROPOSED UTILITY PAD
- PROPOSED GATE
- PROPOSED VEGETATED PLANTING STRIP (SEE PLANTING DETAILS FOR LS-1)
- SOLAR FARM EXISTING WETLAND AREAS SEED MIX: WET PRAIRIE NATIVE SEED MIX ±2.7 Ac.

N

0 80 160 Feet



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Project Title:
TRI-COUNTY SOLAR
LAND DEVELOPMENT PLANS

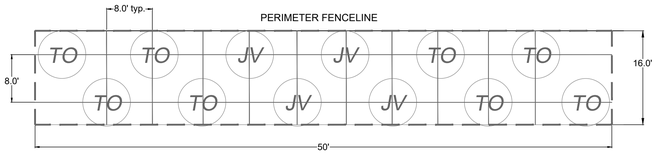
Project Location:
STATE ROUTE 25
KANE COUNTY, ILLINOIS

Sheet Title:
LANDSCAPE & SCREENING PLAN

REV.	DESCRIPTION	DATE

SCALE: 1"=100'
PROJECT #: 250028
PERMIT #
PLAN DATE: 9-9-2025

LD-300
Sheet 6 of 9



LANDSCAPE SCREENING PLANTING DETAIL

N.T.S.

NOTES:

1. SHRUB AND TREE LOCATIONS SHALL BE STAKED OUT AND APPROVED PRIOR TO PLANTING. SEE PLANTING DETAILS, NOTES AND SCHEDULES FOR EACH LANDSCAPE SCREENING BUFFER
2. PLACEMENT OF LANDSCAPE SCREENING BUFFERS SHALL BE LOCATED AT THE OUTER EDGE OF THE PERIMETER FENCE TO ENHANCE SCREENING EFFORTS AND AVOID SHADING CONCERNS - SOME FIELD ADJUSTMENTS FOR STAKED LOCATIONS MAY BE NECESSARY.

LEGEND: LANDSCAPE SCREENING BUFFER

SYMBOL	BOTANICAL NAME/ COMMON PLANT NAME	SIZE	ROOT	MATURE HEIGHT	
TO	THUJA OCCIDENTALIS NORTHERN WHITE CEDAR	6'-7' HT.	B&B	30'-40' HT.	OR APPROVED EQUAL
JV	JUNIPERUS VIRGINIANA EASTERN RED CEDAR	6'-7' HT.	B&B	40'-60' HT.	OR APPROVED EQUAL

PLAN IDENTIFICATION: LS-1

N.T.S.

NOTES:

KEEP THE ROTOS OF BARE ROOT STOCK MOIST AT ALL TIMES PRIOR TO PLANTING. THE BALL OF BALLED AND BURLAPPED (B&B) STOCK AND THE SOIL OF CONTAINER GROWN STOCK SHALL BE KEPT MOIST BUT NOT SATURATED PRIOR TO PLANTING.

ALL BARE ROOT, CONTAINER GROWN AND BALLED AND BURLAPPED (B&B) PLANTING STOCK SHALL MEET THE MINIMUM ROOT SYSTEM SPREAD CRITERIA AS ESTABLISHED IN CONSTRUCTION SPECIFICATION "101-DIGGING, TRANSPORTING, PLANTING AND ESTABLISHMENT OF TREES, SHRUBS AND VINES."

ALL PLANT MATEIALS SHALL BE DORMANT AT THE TIME THEY ARE PLANTED. PLANTING DATES AND PROCEDURES SHALL CONFORM TO THOSE ESTABLISHED BY CONSTRUCTION SPECIFICATION "101-DIGGING, TRANSPORTING, PLANTING AND ESTABLISHMENT OF TREES, SHRUBS AND VINES."

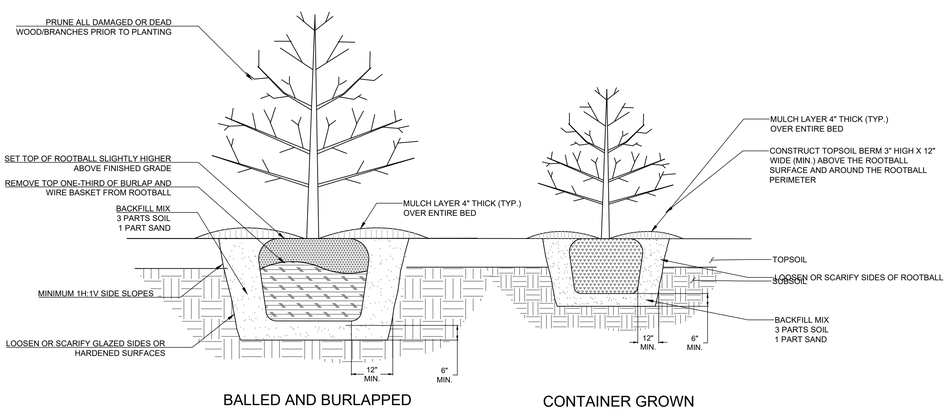
ALL PLANTINGS SHALL BE MULCHED UNLESS SPECIFIED OTHERWISE INA LANDSCAPING OR PLANTING PLAN FOLLOWING THE CRITERIA IN PRACTICE STANDARD "MULCHING 895". MULCHING MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS AS LISTEN IN MATERIAL SPECIFICATIONS "592 GEOTEXTILE", "800 PAPER" AND PLASTIC NETTING", "801 JUTE NETTING", "802 EXCELSIOR BLANKETS", AND "803 STRAW BLANKETS."

PLANTINGS:

1. PLANT INSTALLATIONS SHALL TAKE PLACE DURING DRY AND UNFROZEN GROUND CONDITIONS DURING THE FOLLOWING SEASONAL WINDOWS: MARCH 1ST TO MAY 15TH, OR AUGUST 15TH TO NOVEMBER 1ST.
2. DELIVER PLANTS IMMEDIATELY PRIOR TO PLANTING ON SITE. TEMPORARY STORAGE OF ANY PLANT MATERIALS AFTER DELIVERY SHALL NOT EXCEED ONE WEEK. PLANTS MUST REMAIN OUT OF DIRECT EXPOSURE TO SUN AND WIND, AND MOISTURE OF PLANT CONTAINERS OR ROOT BALLS MUST BE MAINTAINED BY COVERING WITH WET STRAW OR CLOTH AND PERIODIC WATERING UNTIL TIME OF PLANTING.
3. HANDLE ALL PLANT MATERIALS IN A MANNER SO AS TO AVOID DAMAGES TO THE PLANTS, ROOT BALLS AND CONTAINERS. DO NOT STACK PLANTS DURING TRANSPORT OR TEMPORARY STORAGE TO AVOID CRUSHING. ALL PLANTS THAT ARE DAMAGED, NOT IN HEALTHY GROWING CONDITIONS, OR LACKING WELL DEVELOPED ROOTS SHALL BE REJECTED AND REPLACED AT CONTRACTOR'S EXPENSE.
4. IT IS THE DESIGN INTENT THAT ALL PLANTS BE INSTALLED AT AT THE ON-CENTER SPACING RECOMMENDATION OF THE LANDSCAPE SUPPLIER.
5. SET PLANTS IN STRAIGHT OR PLUMB IN LOCATIONS INDICATED ON THE PLAN, AND AT A LEVEL AFTER SETTLEMENT THAT MATCHES THE FINISHED GRADE IN THE FORMER GROWING MEDIUM.
6. ABSORBENT POLYMER AND TIME RELEASE ORGANIC FERTILIZER WITH MYCORRHIZAL INOCULANT SHOULD BE ADDED TO PLANT PITS DURING PLANTING.
7. CONTAINERS AND/OR WIRE FRAMES MUST BE REMOVED FROM THE ROOT BALLS BEFORE PLANTING. TWINE AT THE TOP OF THE ROOT BALL OF BALLED AND BURLAPPED TREES SHALL BE CUT, AND THE TOP OF THE BURLAP ROLLED BACK 1/3 TO EXPOSE SOIL BEFORE BACKFILLING PLANT PITS.
8. STAKE TREES IN PLACE AS SHOWN IN THE TYPICAL PLANTING DETAIL.
9. WATER PLANTS DURING PLANTING OPERATIONS. ALL PLANTINGS MUST BE WATERED ONCE PER WEEK FOR 3 MONTHS DURING THE GROWING SEASON TO AVOID TRANSPLANT SHOCK, UNLESS PLANTED AREAS RECEIVE A MINIMUM OF 1 INCH OF RAINFALL DURING THE WEEK.
10. CONTRACTOR SHALL PROVIDE A 1-YEAR GUARANTEE TO REPLACE DEAD OR STRESSED PLANT MATERIAL.
11. ALL REPLACEMENT PLANTINGS SHALL BE COMPLETED NO LATER THAN THE NEXT CONSECUTIVE PLANTING SEASON.
12. CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE THROUGHOUT THE 1 YEAR GUARANTEE PERIOD, WHICH INCLUDES WATERING, REMOVAL OF WEEDS AND INVASIVE SPECIFIES AND REINFORCEMENT OF PLANT STAKES

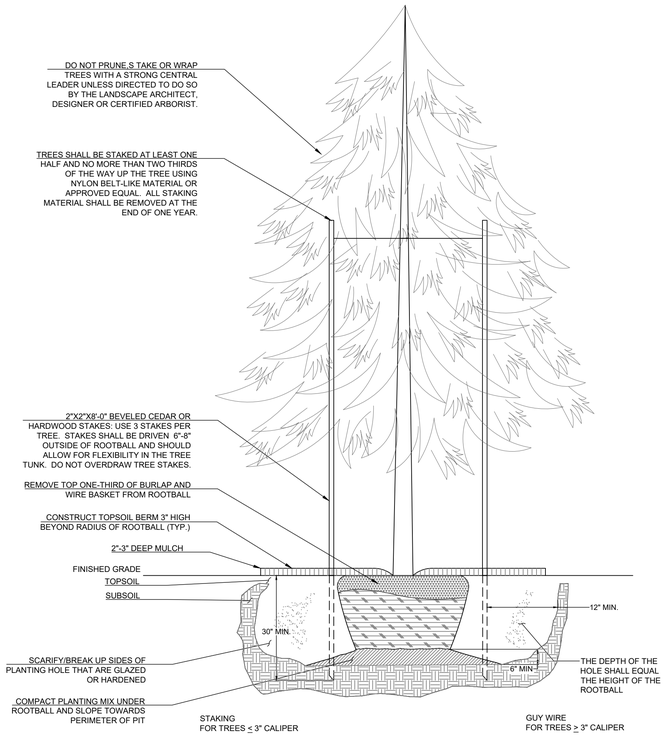
NOTE:

SOLAR PANELS WILL BE ON BALLASTS, SOME ITEMS WON'T BE ALLOWED ON LANDFILL, ETC.



SHRUB PLANTING DETAIL

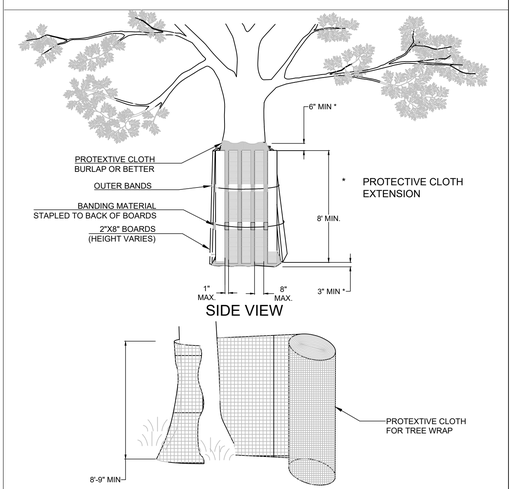
N.T.S.



EVERGREEN TREE PLANTING DETAIL

N.T.S.

TREE TRUNK PROTECTION



NOTES

1. THE CONTRACTOR SHALL PROVIDE 2" X 8" BOARDS BANDED CONTINUOUSLY AROUND EACH TRUNK WITH A PROTECTIVE CLOTH (SUCH AS BURLAP OR BETTER) PLACED BETWEEN THE BOARDS AND THE TREE TO PREVENT SCARRING OF THE TREE BEING PROTECTED. THE HEIGHT OF THE BOARDS IS VARIABLE DUE TO HEIGHT OF TREE BEING PROTECTED.
2. THE PROTECTIVE CLOTH SHALL EXTEND PAST BOTH THE TOP AND BOTTOM OF THE BOARDS AS SHOWN IN THE DETAIL. WIDTH OF WRAP MATERIAL VARIES. FOR FABRIC THAT DOES NOT MEET THE REQUIRED HEIGHT, FABRIC SHALL OVERLAP A MINIMUM OF 6" AND SHALL BE SPLICED TO AVOID SLIPPAGE.

GENERAL NOTES:

1. THE CONTRACTOR SHALL INSPECT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS RELATING TO THE NATURE AND SCOPE OF THE WORK.
2. THE CONTRACTOR SHALL VERIFY PLAN LAYOUT AND BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT DISCREPANCIES WHICH MAY COMPROMISE THE DESIGN OR INTENT OF THE LAYOUT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE CODES, REGULATIONS, AND PERMITS GOVERNING THE WORK.
4. THE CONTRACTOR SHALL PROTECT EXISTING ROADS, CURBS/GUTTERS, TRAILS, TREES, LAWNS AND SITE ELEMENTS DURING CONSTRUCTION. DAMAGE TO SAME SHALL BE REPAIRED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
5. LOCATE AND VERIFY ALL UTILITIES, INCLUDING IRRIGATION LINES, WITH THE OWNER FOR PROPRIETARY UTILITIES 48 HOURS BEFORE DIGGING. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ANY DAMAGES TO SAME. NOTIFY THE LANDSCAPE ARCHITECT OF ANY CONFLICTS TO FACILITATE PLANT RELOCATION.
6. THE LANDSCAPE CONTRACTOR SHALL COORDINATE THE PHASES OF CONSTRUCTION AND PLANTING INSTALLATION WITH OTHER CONTRACTORS WORKING ON SITE.
7. THE CONTRACTOR SHALL REVIEW THE SITE FOR DEFICIENCIES IN SITE CONDITIONS WHICH MIGHT NEGATIVELY AFFECT PLANT ESTABLISHMENT, SURVIVAL OR WARRANTY. UNDESIRABLE SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING OF WORK.
8. THE PLAN TAKES PRECEDENCE OVER THE LANDSCAPE LEGEND IF DISCREPANCIES EXIST. QUANTITIES SHOWN IN THE PLANTING SCHEDULE ARE FOR THE CONTRACTOR'S CONVENIENCE. CONTRACTOR TO VERIFY QUANTITIES SHOWN ON THE PLAN.
9. THE SPECIFICATIONS TAKE PRECEDENCE OVER THE PLANTING NOTES AND GENERAL NOTES.
10. EXISTING TREES AND SHRUBS TO REMAIN SHALL BE PROTECTED TO THE DRIP LINE FROM ALL CONSTRUCTION TRAFFIC, STORAGE OF MATERIALS ETC. WITH 4' HT. ORANGE PLASTIC SAFETY FENCING ADEQUATELY SUPPORTED BY STEEL FENCE POSTS 6' O.C. MAXIMUM SPACING.
11. LONG-TERM STORAGE OF MATERIALS OR SUPPLIES ON-SITE WILL NOT BE ALLOWED.
12. CONTRACTOR SHALL REQUEST IN WRITING, A FINAL ACCEPTANCE INSPECTION

PLANTING NOTES:

1. NO PLANTS SHALL BE INSTALLED UNTIL FINAL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA.
2. A GRANULAR PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL PLANT BEDS AT THE MANUFACTURERS RECOMMENDED RATE PRIOR TO PLANT INSTALLATION.
3. ALL PLANTING STOCK SHALL CONFORM TO THE AMERICAN HORT. AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIALS.
4. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE AND BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE LANDSCAPE LEGEND.
5. PLANT MATERIALS TO BE INSTALLED PER PLANTING DETAILS.
6. ALL TREES MUST BE STRAIGHT TRUNKED AND FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
7. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS WHICH ARE DEEMED UNSATISFACTORY BEFORE, DURING, OR AFTER INSTALLATION.
8. NO SUBSTITUTIONS OF PLANT MATERIAL SHALL BE ACCEPTED UNLESS APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.
9. ALL PLANT MATERIAL QUANTITIES, SHAPES OF BEDS AND LOCATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE COVERAGE OF ALL PLANTING BEDS AT SPACING SHOWN AND ADJUSTED TO CONFORM TO THE EXACT CONDITIONS OF THE SITE. THE LANDSCAPE ARCHITECT SHALL APPROVE THE STAKING LOCATION OF ALL PLANT MATERIALS PRIOR TO INSTALLATION.
10. ALL PLANTING AREAS MUST BE COMPLETELY MULCHED AS SPECIFIED.
11. MULCH: SHREDDED HARDWOOD MULCH, CLEAN AND FREE OF NOXIOUS WEEDS OR OTHER DELETERIOUS MATERIAL, IN ALL MASS PLANTING BEDS AND FOR TREES, UNLESS INDICATED AS ROCK MULCH ON DRAWINGS. SUBMIT SAMPLE TO LANDSCAPE ARCHITECT PRIOR TO DELIVERY ON-SITE FOR APPROVAL. DELIVER MULCH ON DAY OF INSTALLATION. USE 3" FOR SHRUB BEDS, TREE RINGS, AND 3" FOR PERENNIAL/GROUND COVER BEDS, UNLESS OTHERWISE DIRECTED.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MULCHES AND PLANTING SOIL QUANTITIES TO COMPLETE THE WORK SHOWN ON THE PLAN.
13. USE ANTI-DESICCANT (WILTPRUF OR APPROVED EQUAL) ON DECIDUOUS PLANTS MOVED IN LEAF AND FOR EVERGREENS MOVED ANYTIME. APPLY AS PER MANUFACTURER'S INSTRUCTION. ALL EVERGREENS SHALL BE SPRAYED IN THE LATE FALL FOR WINTER PROTECTION DURING WARRANTY PERIOD.
14. WRAP ALL SMOOTH-BARKED DECIDUOUS TREES PLANTED IN THE FALL PRIOR TO DECEMBER 1 AND REMOVE WRAPPING AFTER MAY 1. TREE WRAPPING MATERIAL SHALL BE WHITE TWO-WALLED PLASTIC SHEETING APPLIED FROM TRUNK FLARE TO THE FIRST BRANCH.
15. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT EACH EXCAVATED TREE AND SHRUB PIT WILL PERCOLATE PRIOR TO INSTALLING PLANTING MEDIUM AND PLANTS. THE CONTRACTOR SHALL FILL THE BOTTOM OF SELECTED HOLES WITH SIX INCHES OF WATER AND CONFIRM THAT THIS WATER WILL PERCOLATE WITHIN A 24-HOUR PERIOD. IF THE SOIL AT A GIVEN AREA DOES NOT DRAIN PROPERLY, A PVC DRAIN OR GRAVEL SUMP SHALL BE INSTALLED OR THE PLANTING SHALL BE RELOCATED IF DIRECTED BY THE LANDSCAPE ARCHITECT.
16. ALL PLANTS SHALL BE GUARANTEED FOR TWO COMPLETE GROWING SEASONS (APRIL 1 - NOVEMBER 1), UNLESS OTHERWISE SPECIFIED. THE GUARANTEE SHALL COVER THE FULL COST OF REPLACEMENT INCLUDING LABOR AND PLANTS.
17. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AT LEAST 3 DAYS PRIOR TO PLANNED DELIVERY. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AT LEAST 24 HOURS IN ADVANCE OF BEGINNING PLANT INSTALLATION.
18. SEASONS/TIME OF PLANTING AND SEEDING: NOTE: THE CONTRACTOR MAY ELECT TO PLANT IN OFF-SEASONS ENTIRELY AT HIS/HER RISK.
    - 18.1. DECIDUOUS /B&B: 4/1 - 6/1; 9/21 - 11/1
    - 18.2. EVERGREEN B&B: 4/1 - 5/1; 9/21 - 11/1
    - 18.3. NATIVE MIX SEEDING: 4/15 - 7/20; 9/20-10/20
19. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PORTION OF THE WORK IS IN PLACE. PLANT MATERIAL SHALL BE PROTECTED AND MAINTAINED UNTIL THE INSTALLATION OF THE PLANTS IS COMPLETE, INSPECTION HAS BEEN MADE, AND PLANTINGS ARE ACCEPTED EXCLUSIVE OF THE GUARANTEE. MAINTENANCE SHALL INCLUDE WATERING, CULTIVATING, MULCHING, REMOVAL OF DEAD MATERIALS, RE-SETTING PLANTS TO PROPER GRADE AND KEEPING PLANTS IN A PLUMB POSITION. AFTER ACCEPTANCE, THE OWNER SHALL ASSUME MAINTENANCE RESPONSIBILITIES. HOWEVER, THE CONTRACTOR SHALL CONTINUE TO BE RESPONSIBLE FOR KEEPING THE TREES PLUMB THROUGHOUT THE GUARANTEE PERIOD.

GENERAL TREE SPECIFICATIONS:

1. ALL TREES SHALL HAVE SYMMETRICAL OR BALANCED BRANCHING ON ALL SIDES OF THE TREE.
2. TREES SHALL NOT BE TIPPED PRUNED.
3. TREES SHALL BE FREE OF PHYSICAL DAMAGE FROM SHIPPING AND HANDLING. DAMAGED TREES SHALL BE REJECTED.
4. SUMMER DUG TREES SHALL HAVE ROOTBALL SIZE INCREASED BY 20%

NOTE:

SOLAR PANELS WILL BE ON BALLASTS, SOME ITEMS WON'T BE ALLOWED ON LANDFILL, ETC.

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LLC

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LAND DEVELOPMENT PLANS

Project Location:
STATE ROUTE 25
KANE COUNTY, ILLINOIS

Sheet Title:
LANDSCAPE DETAIL SHEET

DATE	REV.	DESCRIPTION

SCALE: 1"=100'
PROJECT #: 250028
PERMIT #
PLAN DATE: 9-9-2025

LD-301
Sheet 7 of 9

NOTES:

1. GRASS SEED MIXES ARE COMPRISED OF GRASSES THAT ARE NATIVE AND/OR INDIGENOUS TO THE AREA AND/OR CONSIDERED FAVORABLE FOR WILDLIFE HABITAT AND SUSTAINABLE GROWTH. ADDITIONALLY, THE SOLAR FARM SEED MIX WAS DEVELOPED ESPECIALLY FOR NATIVE GRASS PLANTINGS AROUND SOLAR ARRAY FIELDS AND SHALL BE UTILIZED ACCORDINGLY.
2. SEED MIXES TO FOLLOW SAMPLE SPECIFICATIONS FOR THE ESTABLISHMENT OF NATIVE VEGETATION AS PART OF HABITAT FRIENDLY SOLAR PROJECTS DEVELOPED BY THE MINNESOTA BOARD OF WATER AND SOIL RESOURCES AND THE MINNESOTA DEPARTMENT OF NATURAL RESOURCES.
3. SEE "SOLAR SITE POLLINATOR ESTABLISHMENT AND MANAGEMENT GUIDELINES" BY THE ILLINOIS DEPARTMENT OF NATURAL RESOURCES FOR FURTHER GUIDANCE.
4. SUBSTITUTIONS MAY BE NECESSARY BASED ON AVAILABILITY AT THE TIME OF CONSTRUCTION.

POLLINATOR PRAIRIE PLANTING/ SOLAR NOTES:

NOTE: THESE SPECIFICATIONS ARE GENERIC IN NATURE AND SHOULD BE ADAPTED FOR SPECIFIC SITE CONDITIONS. IF SITE CONDITIONS REQUIRE CHANGES TO SEEDING OR METHODS, REVIEW FOR APPROVAL WITH LOCAL JURISDICTIONAL AGENCY.

CONTRACTOR QUALIFICATIONS

1. SEEDING CONTRACTORS MUST HAVE AT LEAST THREE YEARS OF EXPERIENCE INSTALLING NATIVE SEED AND SIMILAR TYPES OF PROJECTS.

SEED SPECIFICATIONS

1. SUBSTITUTION OF SPECIES IN THE SPECIFIED SEED MIXES/SPECIES LISTS MUST BE APPROVED BY THE LOCAL GOVERNMENT ORGANIZATION THAT IS REVIEWING THE HABIT FRIENDLY SOLAR STANDARDS.
2. ALL SEED THAT IS SUPPLIED FOR PROJECTS MUST BE LABELED ACCORDING TO THE REQUIREMENTS OF THE LOCAL JURISDICTION, INCLUDING LIMITS ON NOXIOUS WEED SEED.
3. THE ORIGIN OF SEED IS REQUIRED TO BE LISTED ON THE SEED TAG FOR ALL SPECIES IN A MIX TO PROVIDE VERIFICATION OF ORIGINAL (GENERATION 0) SEED SOURCE. THE SMALLEST KNOWN GEOGRAPHIC AREA (TOWNSHIP, COUNTY, ECOTYPE REGION, ETC.) SHALL BE LISTED.
4. INFORMATION PERTAINING TO PURE SEED, GERMINATION, AND HARD (DORMANT) SEED OF INDIVIDUAL COMPONENT IN A MIX IS REQUIRED ON SEED TAGS.
5. SEED MUST BE CLEANED TO AN EXTENT SUFFICIENT TO ALLOW ITS PASSAGE THROUGH APPROPRIATE SEEDING EQUIPMENT.
6. SEED MUST ORIGINATE FROM WITHIN 175 MILES OF THE PROJECT SITE. ALL SEED DELIVERED TO SITES MUST HAVE A COMPLETE LABEL AND INCLUDE INFORMATION ABOUT INDIVIDUAL COMPONENT SEED LOTS.

SITE PREPARATION SPECIFICATIONS

1. SEEDING CAN ONLY BE CONDUCTED AFTER ALL GRADING, CONSTRUCTION ACTIVITIES AND SITE PREPARATION ARE COMPLETED.
2. TREAT ANY WEEDS LOCATED WITHIN THE AREA TO BE SEEDED WITH GLYPHOSATE HERBICIDE. CONDUCT A SECOND HERBICIDE TREATMENT IF WEEDS CONTINUE GROWING AFTER TEN DAYS. AN HERBICIDE THAT KILLS LEGUMES MAY ALSO BE USED IF NEED BUT SHOULD ONLY BE APPLIED WHERE NEEDED AS THESE CHEMICALS CAN OFTEN INHIBIT GERMINATION. WAIT AT LEAST 14 DAYS AFTER HERBICIDE APPLICATION TO CONDUCT TILLING.
3. PRIOR TO SEEDING, PREPARE THE SOIL SURFACE TO PROVIDE A SMOOTH, MOIST, AND EVENLY TEXTURED FOUNDATION. USE CULTIVATING EQUIPMENT SUCH AS DISKS, HARROWS, FIELD DIGGERS, OR TILLERS CAPABLE OF LOOSENING THE SOIL TO A DEPTH OF AT LEAST 4 IN. ON ALL AREAS. TILL THE SOIL SURFACE TO REMOVE TRACK IMPRINTS FROM WHEELED OR TRACKED EQUIPMENT. OPERATE CULTIVATING EQUIPMENT ON SLOPES AT RIGHT ANGLES TO THE DIRECTION OF SURFACE DRAINAGE. SOIL CLODS, LUMPS, AND TILLAGE RIDGES 3 IN. HIGH OR LESS MAY REMAIN IN PLACE FOR SEEDING OPERATIONS. MULTIPLE PASSES OF THE EQUIPMENT MAY BE NEEDED TO MEET THESE REQUIREMENTS.
4. SEEDING SHOULD BE CONDUCTED AS SOON AFTER TILLING AS POSSIBLE. A SECOND TILLING MAY BE NEEDED IF THERE IS MORE THAN TWO WEEKS BETWEEN TILLING AND SEEDING AND WEEDS ARE STARTING TO GROW.

SEEDING SPECIFICATIONS

1. SEEDING DATES INCLUDE MAY 15TH - JUNE 30TH IN THE SPRING, OR OCTOBER 15TH - FROZEN GROUND IN THE FALL. PROJECT PLANNING AND DESIGN STAFF MUST PROVIDE WRITTEN APPROVAL TO CONDUCT SEEDING OUTSIDE OF THE RECOMMEND TIME PERIODS.
2. SEEDING CONTRACTOR IS RESPONSIBLE FOR DISTRIBUTING SEED ACROSS THE ENTIRE PROJECT AREA AS SPECIFIED IN THE PROJECT PLAN AND SPECIFICATIONS.
3. WHERE ACCESSIBLE WITHIN THE PROJECT SITE A NATIVE SEED DRILL WITH BOXES FOR DIFFERENT SIZE SEED (SUCH AS A TRUAX OR TRILLION TYPE SEEDER) WILL BE USED FOR SEED INSTALLATION. WHERE A SEEDER CANNOT ACCESS THE SITE BROADCAST SEEDING THAT IS CONDUCTED IN A WAY THAT ENSURES AN EVEN DISTRIBUTION OF SEED MUST BE CONDUCTED FOLLOWED BY RAKING, ROLLING OR OTHER METHODS TO ENSURE THAT THERE IS SUFFICIENT SEED TO SOIL CONTACT.
4. IF HYDROSEEDING WILL BE CONDUCTED WHERE BROADCAST SEEDING IS REQUIRED CONDUCT SEEDING BY APPLYING SEED WITH ONLY WATER FIRST BEFORE PLACING HYDRAULIC EROSION CONTROL PRODUCTS (HYDRO-MULCHING). THE SOLAR ARRAYS MUST BE PROTECTED USING METHODS INCLUDING APPROPRIATE SHIELDS, COVERS AND AVOIDANCE MEASURES. ACCIDENTAL OVERSPRAY MUST BE CLEANED UP AT THE TIME OF INSTALLATION.
5. APPLY CERTIFIED WEED FREE STRAW MULCH (TYPE 3) OVER THE SEEDED AREAS AND DISC ANCHOR WHERE POSSIBLE EXCEPT WHERE EROSION CONTROL BLANKET OR OTHER EROSION CONTROL DEVICES ARE USED AS DEFINED IN THE EROSION CONTROL SPECIFICATIONS.
6. USE TEMPORARY EROSION CONTROL DEVICES (SEDIMENT LOGS, SILT FENCE) AS NEEDED TO PREVENT EROSION PRIOR TO AND DURING SEED ESTABLISHMENT.
7. IF A COVER CROP IS NOT INCLUDED WITH SPECIFIED SEED MIXES FOR THE PROJECT INCLUDE A COVER CROP OF RYE (OR OATS) AT A RATE
8. OF 25LB. PER ACRE IF SEEDING BETWEEN MAY 15TH AND AUGUST 1ST AND WINTER WHEAT AT 25LB PER ACRE IF SEEDING BETWEEN AUGUST 1 AND OCTOBER 15TH. NO COVER CROPS SHOULD BE INCLUDED IF SEEDING BETWEEN OCTOBER 15TH AND FREEZING OF THE SOIL AS COVER CROPS DO NOT MAINTAIN GERMINATION WELL OVER WINTER.

MANAGEMENT NOTES

1. MONITORING OF THE SITE'S VEGETATION IS REQUIRED THREE TIMES A YEAR DURING THE FIRST THREE YEARS OF THE PROJECT AS VEGETATION ESTABLISHES AND THEN TWICE A YEAR (JUNE AND SEPTEMBER) EACH YEAR IN FOLLOWING YEARS TO DETERMINE MAINTENANCE NEEDS.
2. YEAR 1 MAINTENANCE - DURING THE FIRST GROWING SEASON VEGETATION OVER THE ENTIRE SEEDED AREAS MUST BE MOWED APPROXIMATELY EVERY 30 DAYS AS VEGETATION REACHES ONE FOOT TALL UNTIL SEPTEMBER 30TH TO A HEIGHT OF 5-8 INCHES WITH A FLAIL TYPE MOWER OR STALK CHOPPER THAT WILL HELP PREVENT THE SMOTHERING OF NATIVE PLANT SEEDLINGS. HAND HELD TRIMMING EQUIPMENT MAY BE NEEDED FOR AREAS UNDER SOLAR ARRAYS. HERBICIDE SHOULD BE USED MINIMALLY DURING THE FIRST YEAR AS NATIVE PLANT SEEDLINGS WILL BE SUSCEPTIBLE TO OVERSPRAY.
3. YEAR 2 MAINTENANCE - DURING THE SECOND GROWING SEASON VEGETATION OVER THE ENTIRE SEEDED AREAS MUST BE MOWED APPROXIMATELY EVERY 30 DAYS AS VEGETATION REACHES ONE FOOT TALL UNTIL SEPTEMBER 30TH TO A HEIGHT OF 5-8 INCHES WITH A FLAIL TYPE MOWER OR STALK CHOPPER THAT WILL HELP PREVENT THE SMOTHERING OF NATIVE PLANT SEEDLINGS. HAND HELD TRIMMING EQUIPMENT MAY BE NEEDED FOR AREAS UNDER SOLAR ARRAYS. SPOT TREAT OR HAND PULL ANY INVASIVE SPECIES OR NOXIOUS WEEDS THAT ARE STARTING TO ESTABLISH.
4. YEAR 3+ MAINTENANCE - SPOT TREAT OR HAND PULL ANY INVASIVE SPECIES OR NOXIOUS WEEDS THAT ARE STARTING TO ESTABLISH. IN SOME CASES IT MAY BE BENEFICIAL TO SPOT MOW WEEDS TO PREVENT THEM FROM DEVELOPING SEED AND THEN TREATING THEM WITH HERBICIDE A COUPLE WEEKS LATER AFTER THEY HAVE A CHANCE TO RE-GROW. AFTER TWO GROWING SEASONS FLAIL MOW (OR BY USING HAND HELD EQUIPMENT AS NEEDED) NATIVE VEGETATION IN MAY EACH SEASON.
5. AVOID THE USE OF HERBICIDE DURING TIMES WHEN TARGET SPECIES AND ADJACENT SPECIES ARE IN BLOOM.
6. ANY AREAS OVER 100 SQUARE FEET WITH SPARSE ESTABLISHMENT (LESS THAN ONE NATIVE PLANT EVERY 1.5 FEET ON AVERAGE) AFTER THE FIRST FULL GROWING SEASON WILL REQUIRE RE-SEEDING, WITH THE ORIGINAL SEED MIXES SPECIFIED FOR THE PROJECT.
7. THE SEEDING WILL BE SUCCESSFULLY ESTABLISHED WHEN THE AREA HAS A 90% AERIAL COVERAGE OF NATIVE PLANT SPECIES.
8. IF FLOWER DIVERSITY DECREASES OVER TIME INTER-SEED FLOWERS INTO THE PLANTING IN LATE FALL WITH SPECIES SUCH AS BERGAMOT, PRAIRIE CLOVERS, YELLOW CONEFLOWER, ASTERS, COREOPSIS AND WILD MINTS. PRESCRIBED BURNING FOLLOWING A BURN PLAN CAN ALSO BE USED OUTSIDE OF THE ARRAY AREAS AS A WAY TO MAINTAIN FLOWER DIVERSITY. PRIOR TO ANY PRESCRIBED BURNING, COORDINATION AND APPROVAL FROM THE LOCAL AUTHORITY WILL BE REQUIRED.

Tri-County Array Fescue Mix

Seeding Rate - 110 lb/acre - 573.24 seeds/ft²

Common Name	Latin Name	Lbs/Acre	Seeds/ft²
Creeping Red Fescue	Festuca rubra	30.00	156.34
Chewings Fescue	Festuca rubra commutata	30.00	156.34
Hard Fescue	Festuca trachyphylla	15.00	78.17
Sheeps Fescue	Festuca ovina	35.00	182.39
Mix Total		**110.00**	**573.24**

November 2025
Fescue mix for the ballasted array

Tri-County Native Wetland Mix

Seeding Rate - 7lb/acre - 167.7 seeds/ft²

Common Name	Scientific Name	Bloom Month	% of Mix by Weight	Lbs/Acre	Seeds/ft²	% of Mix by Seeds/ft²
Bottlebrush Sedge	Carex comosa		3.57%	0.25	2.75	1.64%
Fringed Sedge	Carex crinita		5.71%	0.40	3.38	2.01%
Pointed-broom Sedge	Carex scoparia		2.86%	0.20	6.17	3.68%
Common Fox Sedge	Carex stipata		2.86%	0.20	2.50	1.49%
Brown Fox Sedge	Carex vulpinoidea		2.86%	0.20	7.35	4.38%
Canada Wild Rye	Elymus canadensis		11.86%	0.83	1.59	0.95%
Virginia Wild Rye	Elymus virginicus		17.86%	1.25	1.93	1.15%
Fowl Manna Grass	Glyceria striata		0.29%	0.02	1.18	0.70%
Dudley's Rush	Juncus dudleyi		0.29%	0.02	23.51	14.01%
Fowl Bluegrass	Poa palustris		11.14%	0.78	37.25	22.20%
Little Bluestem	Schizachyrium scoparium		17.14%	1.20	6.61	3.94%
Graminoid Total			**76.43%**	**5.35**	**94.20**	**56.16%**
Canada Anemone	Anemone canadensis	May-Jun	1.29%	0.09	0.27	0.16%
Canada Milkvetch	Astragalus canadensis	Jun-Aug	2.65%	0.19	1.16	0.69%
Nodding Bur Marigold	Bidens cernua	Jun-Sep	0.65%	0.05	0.35	0.21%
Southern Blue Flag Iris	Iris virginica shrevei	May-Jul	1.29%	0.09	0.03	0.02%
Great Blue Lobelia	Lobelia siphilitica	Jul-Oct	1.03%	0.07	13.28	7.91%
Monkey Flower	Mimulus ringens	Jun-Sep	0.52%	0.04	30.54	18.20%
Virginia Mountain Mint	Pycnanthemum virginianum	Jun-Sep	1.29%	0.09	7.30	4.35%
Black-eyed Susan	Rudbeckia hirta	Jun-Oct	3.55%	0.25	8.40	5.01%
Calico Aster	Symphyotrichum lateriflorum	Aug-Oct	0.77%	0.05	4.98	2.97%
Ohio Spiderwort	Tradescantia ohiensis	May-Jul	3.23%	0.23	0.66	0.40%
Blue Vervain	Verbena hastata	Jul-Sep	2.14%	0.15	5.12	3.05%
Golden Alexanders	Zizia aurea	Apr-Jun	5.16%	0.36	1.46	0.87%
Forb Total			**23.57%**	**1.65**	**73.54**	**43.84%**
Mix Total			**100.00%**	**7.00**	**167.74**	**100.00%**

November 2025
Native mix for wetland areas

VEGETATION MANAGEMENT DETAILS

A. NATIVE, PERENNIAL POLLINATOR SPECIES WILL CONTINUALLY GROW UNDER THE PANELS WITHOUT ANY INTERRUPTION.
B. THE NATIVE HABITAT ENHANCES SOIL COVERAGE, REDUCES STORMWATER RUNOFF AND CONTRIBUTES TO OVERALL SOIL STABILITY WHILE IT RESTORES SOIL HEALTH.
C. VEGETATION IS MOWED THREE TIMES DURING YEAR ONE TO MANAGE ANNUAL WEED GROWTH INCLUDING NOXIOUS WEEDS. THE VEGETATION WILL BE LEFT AT APPROXIMATELY 6" FOLLOWING EACH MOWING VISIT.
D. YEAR TWO MAINTENANCE INCLUDES THREE VISITS: ONE MOWING AND TWO VISITS USING SPOT MOWING AND SPOT SPRAYING AS THE MANAGEMENT TOOLS. PERENNIAL AND NOXIOUS WEEDS ARE TREATED WITH APPROPRIATE HERBICIDES. ANNUAL WEEDS ARE MANAGED OUT WITH MOWING. YEAR THREE AND BEYOND USES SPOT SPRAYING AND MOWING AS NEEDED.
E. THE SITE MAY INCORPORATE AGRIVOLTAICS IN FUTURE YEARS, HARVESTING THE NATIVE HABITAT INTO HAY BALES FOR FARM USE.

Tri-County Native Perimeter Mix

Seeding Rate - 13.5 lb/acre - 76.5 seed/ft²

Common Name	Scientific Name	Bloom Month	% of Mix by Weight	Lbs/Acre	Seeds per ft²	% of Mix by Seeds/ft²
Sideoats Grama	Bouteloua curtipendula		35.56%	4.80	10.58	13.84%
Prairie Brome	Bromus kalmii		1.48%	0.20	0.59	0.77%
June Grass	Koeleria macrantha		0.37%	0.05	3.67	4.81%
Plains Oval Sedge	Carex brevior		0.74%	0.10	1.07	1.39%
Bicknell's Sedge	Carex bicknellii		1.48%	0.20	1.25	1.63%
Silky Wild Rye	Elymus villosus		2.00%	0.27	0.55	0.71%
Little Bluestem	Schizachyrium scoparium		32.07%	4.33	23.86	31.21%
Prairie Dropseed	Sporobolus heterolepis		0.37%	0.05	0.29	0.38%
Graminoid Total			**74.07%**	**10.00**	**41.85**	**54.76%**
Common Yarrow	Achillea millefolium	Jun-Aug	0.33%	0.05	2.95	3.85%
Nodding Onion	Allium cernuum	Jul-Aug	0.22%	0.03	0.08	0.11%
Lead Plant	Amorpha canescens	Jun-Aug	1.28%	0.17	1.01	1.33%
Canada Anemone	Anemone canadensis	May-Jun	0.06%	0.01	0.02	0.03%
Wild Columbine	Aquilegia canadensis	Apr-Jun	0.13%	0.02	0.24	0.32%
Common Milkweed	Asclepias syriaca	Jun-Aug	0.09%	0.01	0.02	0.02%
Butterfly Milkweed	Asclepias tuberosa	Jun-Aug	0.22%	0.03	0.05	0.06%
Canada Milkvetch	Astragalus canadensis	Jun-Aug	1.00%	0.14	0.84	1.10%
Partridge Pea	Chamaecrista fasciculata	Jul-Sep	1.93%	0.26	0.26	0.34%
Lanceleaf Coreopsis	Coreopsis lanceolata	May-Aug	2.96%	0.40	2.94	3.84%
White Prairie Clover	Dalea candida	Jun-Sep	4.00%	0.54	3.77	4.93%
Purple Prairie Clover	Dalea purpurea	Jul-Sep	5.40%	0.73	4.82	6.31%
Pale Purple Coneflower	Echinacea pallida	Jun-Jul	0.74%	0.10	0.19	0.25%
Wild Lupine	Lupinus perennis	May-Jul	0.36%	0.05	0.02	0.03%
Spotted Bee Balm	Monarda punctata	Jul-Sep	0.07%	0.01	0.33	0.43%
Virginia Mountain Mint	Pycnanthemum virginianum	Jun-Sep	0.04%	0.01	0.48	0.63%
Black-eyed Susan	Rudbeckia hirta	Jun-Oct	1.78%	0.24	8.11	10.61%
Gray Goldenrod	Solidago nemoralis	Aug-Oct	0.12%	0.02	1.76	2.31%
Calico Aster	Symphyotrichum lateriflorum	Aug-Oct	0.12%	0.02	1.47	1.92%
Sky Blue Aster	Symphyotrichum oolentangiense	Aug-Oct	0.28%	0.04	1.10	1.44%
Ohio Spiderwort	Tradescantia ohiensis	May-Jul	0.37%	0.05	0.15	0.19%
Hoary Vervain	Verbena stricta	Jun-Sep	1.83%	0.25	2.55	3.33%
Golden Alexanders	Zizia aurea	Apr-Jun	2.59%	0.35	1.41	1.85%
Forb Total			**25.93%**	**3.50**	**34.58**	**45.24%**
Mix Total			**100.00%**	**13.50**	**76.43**	**100.00%**

November 2025
Native pollinator mix for perimeter areas on site

SITE PREPARATION:

WEED CONTROL

1. IN MANY CASES WEEDS MAY BE PRESENT AND MUST BE TERMINATED BEFORE PLANTING
2. A BROAD-SPECTRUM SYSTEMIC HERBICIDE SUCH AS GLYPHOSATE WORKS IN MOST CASES
3. IN SOME CASES, SUCH AS WITH THE PRESENCE OF SERICEA LESPEDEZA, OTHER HERBICIDES MAY NEED TO BE USED AS WELL.
4. MULTIPLE APPLICATIONS MAY BE REQUIRED. THIS IS ESPECIALLY TRUE IF TALL FESCUE IS PRESENT.
5. WEED SEEDS CAN BE STIMULATED BY TILLAGE. IF TILLAGE IS USED, WAIT UNTIL WEEDS REACH APPROPRIATE HEIGHT AFTER TILLAGE TO SPRAY.
6. ALWAYS READ AND FOLLOW ALL HERBICIDE LABELS

SEEDBED

1. BARE GROUND IS THE IDEAL SEEDBED
2. IF USING A NO-TILL DRILL, MINIMAL SEEDBED PREPARATION IS NEEDED. ANY ERODED GULLIED OR WASHES SHOULD BE WORKED AND SMOOTHED.
3. IF BROADCAST SEEDING, WORK THE GROUND FINE THEN FIRM THE SEEDBED WITH A CULTIPACKER OR SIMILAR. GROUND SHOULD BE FIRM NOT HARD.

SEEDING:

1. SPECIES SHOULD BE NATIVE TO THE AREA AND ADAPTED TO THE SITE (FOR EXAMPLE: LITTLE BLUESTEM GRASS ON A DRY SITE OR MONKEY FLOWER ON A WETTER SITE).
2. LIGHTSLY RAKE THE SEEDBED TO REMOVE ALL WEEDS, SURFACE DEBRIS, STICKS, ROOTS, RUBBISH AND ROCKS GREATER THAN ½ INCHE IN SIZE.
3. SEEDING SHALL TAKE PLACE DURING DRY AND UNFROZEN GROUND CONDITIONS DURING THE FOLLOWING SEASON WINDOWS: MARCH 1ST TO MAY 15TH; OR AUGUST 15TH TO SEPTEMBER 30TH.
4. SPECIFIED POLLINATOR SEED MIX, OR APPROVED EQUAL SHALL BE APPLIED UNDER SOLAR PANELS AS SHOWN ON THE LANDSCAPE PLAN AFTER SITE PREPARATION AND FINE GRADING.
5. DRILL SEED, BROADCAST, HYDROSEED OR UTILIZE A METHOD THAT WILL ENSURE UNIFORM DISTRIBUTION OF ALL SEEDS IN THE MIXTURE.
6. BROADCAST SEEDED AREAS SHALL BE LIGHTLY RAKED OR TAMPED AFTER APPLICATION TO MAXIMIZE SEED/SOIL CONTACT.
7. APPLY JUTE MESH OVER ALL SEEDED AREAS THAT EXCEED A 3 FT. HORIZONTAL: 1 FT. VERTICAL SLOPE.
8. PROTECT SEEDED AREAS AGAINST TRAFFIC OR OTHER USE IMMEDIATELY AFTER SEEDING.
9. SEEDED AREAS THAT ARE DAMAGED BY RUNOFF GULLIES OR RILLS SHALL BE REPAIRED, RE-SEEDED AND COVERED WITH STRAW MULCH DURING THE SAME GROWING SEASON.

SHORT-TERM MANAGEMENT:

1. DURING THE FIRST YEAR, MOW AT A HEIGHT OF 10" OR GREATER 1-3 TIMES DURING THE GROWING SEASON IF UNDESIRABLE WEEDS ARE OVERTOPPING THE NEWLY ESTABLISHED SEEDLINGS.
2. USE SPOT MOWING AND/OR SPOT HERBICIDE TREATMENT TO CONTROL NOXIOUS AND UNDESIRABLE WEEDS. APRIL 6, 2023
3. AFTER THE FIRST YEAR, AVOID MOWING (OTHER THAN SPOT MOWING) BETWEEN APRIL 15TH AND OCTOBER 1ST
4. INTERSEEDING OR PLUG PLANTING MAY NEED TO BE DONE DURING THE ESTABLISHMENT PHASE TO ENSURE THE REQUIREMENT OF THE "ESTABLISHED POLLINATOR HABITAT ON SOLAR SITES SCORECARD."

LONG-TERM MANAGEMENT

1. BROADCAST MOWING OR HERBICIDE APPLICATION SHOULD NOT BE USED IN LONG-TERM MANAGEMENT.
2. USE SPOT MOWING AND/OR SPOT HERBICIDE TREATMENT TO CONTROL NOXIOUS AND UNDESIRABLE WEEDS.
3. MOWING CAN TEMPORARILY CONTROL INVASION BY TREES, INVASIVE SPECIES, AND OTHER UNDESIRABLE SPECIES. HOWEVER, IT IS NOT EFFECTIVE IN THE LONG RUN. INSTEAD, SPOT TREAT WITH HERBICIDE BEING CAREFUL NOT TO DAMAGE THE GRASSES AND FORBS.
4. PRESCRIBED FIRE EVERY 1-3 YEARS IS THE IDEAL MAINTENANCE METHOD AND CAN BE USED ON PERIMETER AND BUFFER AREAS TO THE SOLAR PANELS.
5. FIRE IS NOT AN OPTION BETWEEN AND IMMEDIATELY ADJACENT TO SOLAR PANELS. IN PLACE OF FIRE, HAYING CAN BE USED EVERY 1-3 YEARS TO REMOVE THATCH BUILDUP.
   5.1. HAYING SHOULD ONLY BE DONE ONCE A SEASON AT A HEIGHT OF 6" OR GREATER.
   5.2. NO MORE THAN HALF THE SITE SHOULD BE HAYED EACH YEAR.
6. LIVESTOCK GRAZING CAN BE USED TO HELP MANAGE SOLAR SITE VEGETATION.
   6.1. A SEPARATE GRAZING PLAN SHOULD BE CREATED IF THIS METHOD IS USED.
   6.2. A GRAZING PLAN SHOULD INCLUDE GOALS OF GRAZING, TYPE AND NUMBER OF ANIMALS, PLANS FOR FENCING, TIME AND DURATION OF GRAZING, AND DETAILS TO ENSURE VEGETATION IS NOT OVERGRAZED.
   6.3. NO MORE THAN HALF THE SITE SHOULD BE GRAZED EACH YEAR.
7. INTERSEEDING OR PLUG PLANTING MAY NEED TO BE DONE DURING THE LIFE OF THE SOLAR SITE TO MEET THE"ESTABLISHED POLLINATOR HABITAT ON SOLAR SITES SCORECARD" REQUIREMENTS

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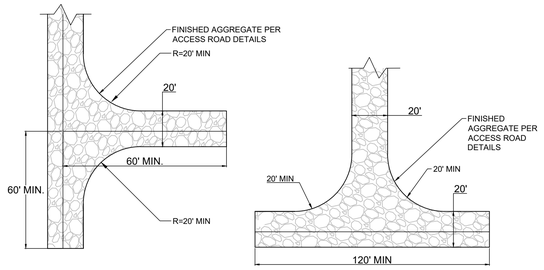
DRAWN BY: LMM
CHECKED BY: WWS

Project Title: TRI-COUNTY SOLAR LAND DEVELOPMENT PLANS
Project Location: STATE ROUTE 25 KANE COUNTY, ILLINOIS
Sheet Title: LANDSCAPE DETAIL SHEET

DATE	REV.	DESCRIPTION

SCALE: 1"=100'
PROJECT #: 250028
PERMIT #
PLAN DATE: 9-9-2025

LD-302
Sheet 8 of 9



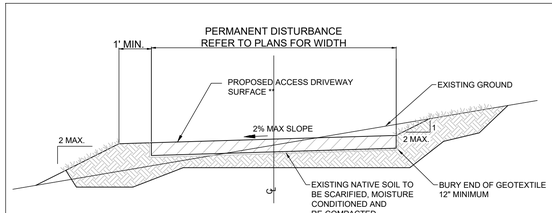
NOTES:

1. PROVIDE AN ENTRANCE DRIVE WIDTH OF TWENTY(20) FEET FOR A DISTANCE OF ONE-HUNDRED (100) FEET INTO THE SITE (OR AS OTHERWISE SPECIFIED).

TYPICAL TURN-AROUND DETAIL

(PRELIMINARY, SUBJECT TO CHANGE)

NOT TO SCALE



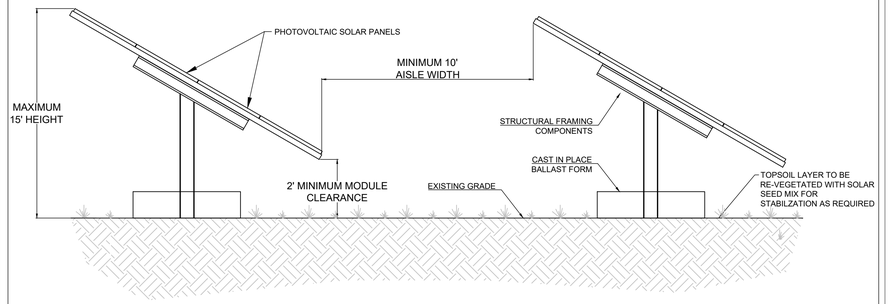
NOTES:

1. ACCESS DRIVEWAYS WILL BE SLOPED TO DOWNHILL SIDE TO ALLOW SHEET FLOW ACROSS THE DRIVEWAYS.
2. REMOVE ALL GRASSES AND ORGANICS WITHIN ACCESS ROAD AREA.
3. ALL FILL MATERIAL SHALL CONFORM TO 95% COMPACTION WITH A MAXIMUM LIFT THICKNESS OF 8".
4. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE 1 OR 2, CLASS I, II OR IV AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING OF ROCK.
5. REVEGETATION AREAS SHALL BE RIPPED & RESEEDED PER SPECIFICATIONS ON SHEET 002.
6. CUTS DEEPER THAN 3' SHOULD BE AVOIDED WHEREVER POSSIBLE, AND CUT SLOPES NOT IN COMPETENT BEDROCK SHOULD NOT BE STEEPER THAN 2H:1V. FILL SLOPES SHOULD NOT BE STEEPER THAN 2H:1V OR EXCEED 5 FEET IN HEIGHT WHEREVER POSSIBLE.
7. ALL CUT AND FILL SLOPES OUTSIDE OF THE PERMANENT GRAVEL SURFACE SHALL BE RE-VEGETATED AND STABILIZED BY SEEDING AND MULCHING, BLANKETING, OR OTHER SUITABLE METHOD.
8. ANY EXISTING TOPSOIL LOCATED WITHIN THE PERMANENT GRAVEL WIDTH OF THE ACCESS DRIVES SHALL BE STRIPPED, THEN EITHER PLACED IN THE STOCKPILE OR SPREAD ONTO ADJACENT AREAS TO BE PERMANENTLY VEGETATED.
9. STONE SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE GRADATIONS, CA-1, CA-2, CA-3, OR CA-4 AND BE PLACED ACCORDING TO CONSTRUCTION SPECIFICATION 25 ROCKFILL USING PLACEMENT METHOD 1 AND CLASS III COMPACTION.
10. SEE PLANS FOR CONSTRUCTION ROAD LOCATION, D AND W DIMENSIONS.
11. MINIMUM WIDTH IS 14 FEET FOR ONE-WAY TRAFFIC AND 20 FEET FOR TWO-WAY TRAFFIC. TWO-WAY TRAFFIC WIDTHS SHALL BE INCREASED A MINIMUM OF 4 FEET FOR TRAILER TRAFFIC. DEPENDING ON THE TYPE OF VEHICLE OR EQUIPMENT, SPEED, LOADS, CLIMATIC AND OTHER CONDITIONS UNDER WHICH VEHICLES AND EQUIPMENT OPERATE AN INCREASE IN THE MINIMUM WIDTHS MAY BE REQUIRED.
12. ROADWAY SHALL FOLLOW THE CONTOUR OF THE NATURAL TERRAIN TO THE EXTENT POSSIBLE.

ACCESS DRIVEWAY SECTION (SLOPED)

(UNLESS OTHERWISE SPECIFIED)

NOT TO SCALE



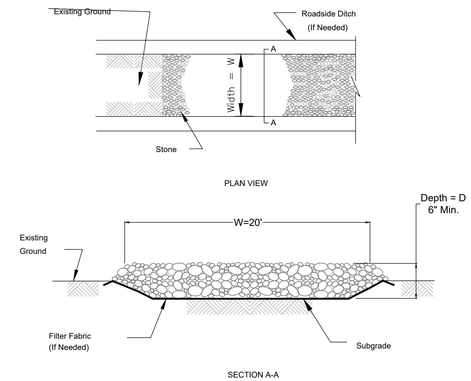
NOTES:

1. ALL AREAS SURROUNDING PANELS, INCLUDING AREAS UNDERNEATH PANELS SHALL BE SEEDED AND 70% VEGETATION ESTABLISHED BEFORE PROJECT COMPLETION.
2. DISTANCE BETWEEN ROWS OF PANELS (W) WILL VARY ACROSS THE PROJECT DEPENDENT UPON AREAS SLOPE BUT SHALL BE A MINIMUM OF 10'.
3. HEIGHT OF THE DOWNSIDE EDGE OF THE PANELS (H) WILL VARY ACROSS THE PROJECT DEPENDENT UPON AREAS SLOPE, BUT SHALL NOT EXCEED 15'.
4. MAXIMUM HEIGHT SHALL INCLUDE GRAVEL BASE AS REQUIRED FOR INSTALLATION OF BALLASTS. REFER TO RACKING VENDOR DETAILS.
5. ALL DIMENSIONS SHALL BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

BALLASTED SOLAR PANEL SECTION

NOT TO SCALE

CONSTRUCTION ROAD STABILIZATION



NOTES:

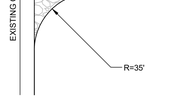
1. FILTER FABRIC SHALL MEET THE REQUIREMENTS OF MATERIAL SPECIFICATION 592 GEOTEXTILE, TABLE 1 OR 2, CLASS I, II OR IV AND SHALL BE PLACED OVER THE CLEARED AREA PRIOR TO THE PLACING OF ROCK.
2. STONE SHALL MEET ONE OF THE FOLLOWING IDOT COARSE AGGREGATE GRADATIONS, CA-1, CA-2, CA-3, OR CA-4 AND BE PLACED ACCORDING TO CONSTRUCTION SPECIFICATION 25 ROCKFILL USING PLACEMENT METHOD 1 AND CLASS III COMPACTION. SEE PLANS FOR CONSTRUCTION ROAD LOCATION, D AND W DIMENSIONS.
3. MINIMUM WIDTH IS 14 FEET FOR ONE-WAY TRAFFIC AND 20 FEET FOR TWO-WAY TRAFFIC. TWO-WAY TRAFFIC WIDTHS SHALL BE INCREASED A MINIMUM OF 4 FEET FOR TRAILER TRAFFIC. DEPENDING ON THE TYPE OF VEHICLE OR EQUIPMENT, SPEED, LOADS, CLIMATIC AND OTHER CONDITIONS UNDER WHICH VEHICLES AND EQUIPMENT OPERATE AN INCREASE IN THE MINIMUM WIDTHS MAY BE REQUIRED.
4. ROADWAY SHALL FOLLOW THE CONTOUR OF THE NATURAL TERRAIN TO THE EXTENT POSSIBLE.

NRCS Natural Resources Conservation Service

STANDARD DWG. NO. IL-506

NOTE:

SOLAR PANELS WILL BE ON BALLASTS, SOME ITEMS WON'T BE ALLOWED ON LANDFILL, ETC.



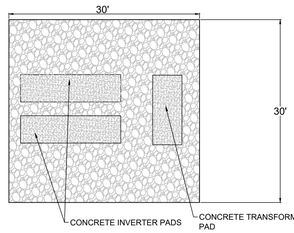
NOTES:

1. PROVIDE AN ENTRANCE DRIVE WIDTH OF TWENTY(20) FEET FOR A MINIMUM DISTANCE OF ONE-HUNDRED (100) FEET INTO THE SITE (OR AS OTHERWISE SPECIFIED).
2. SEED DISTRUBED AREA WITH FESCUE BLEND OR APPROVED EQUIVALENT.
3. IF CULVERT IS REQUIRED, MATERIAL MUST BE ON THE APPROVED IDOT MATERIALS LIST.
4. CONTRACTOR SHALL GRADE AS NECESSARY TO ENSURE A MAXIMUM SLOPE OF 8% ALONG ENTRANCE AND ENSURE POSITIVE DRAINAGE

GRAVEL ACCESS ENTRANCE PLAN VIEW

(UNLESS OTHERWISE SPECIFIED)

NOT TO SCALE



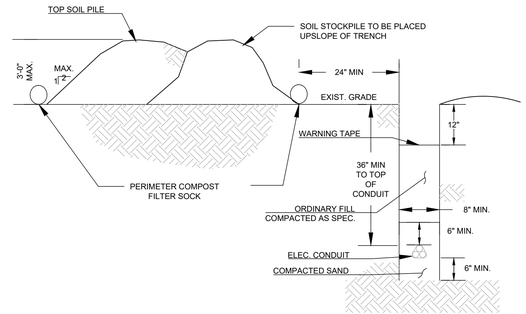
NOTES:

1. INVERTER PAD SIZE PROVIDED ABOVE IS SCHEMATIC. AS-BUILT CONDITIONS MAY VARY BUT SHALL NOT EXCEED THE DIMENSIONS PROVIDED ABOVE.
2. INVERTER PAD MATERIAL SHALL BE A MIX OF GRAVEL AND CONCRETE SURFACE IN AS-BUILT CONDITIONS.
3. STORMWATER RATE AND VOLUME CALCULATIONS HAVE BEEN PERFORMED ASSUMING A PAD COMPOSED ENTIRELY OF CONCRETE FOR A FACTOR OF SAFETY.

INVERTER UTILITY PAD DETAIL

(PRELIMINARY, SUBJECT TO CHANGE)

NOT TO SCALE

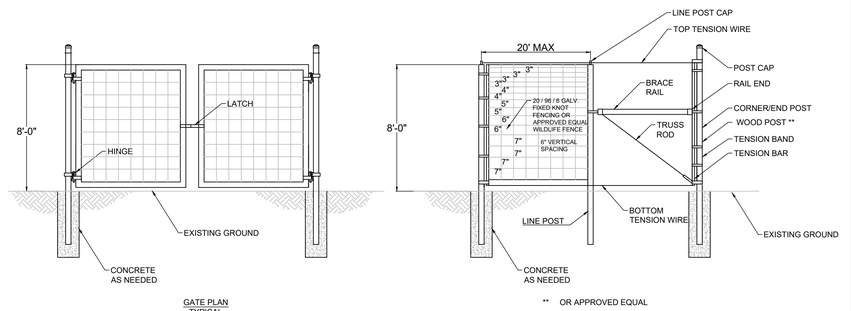


CONSTRUCTION NOTES:

1. INSTALL COMPOST SOCK IF GROUND DISTURBING ACTIVITIES ARE NOT BACKFILLED BY THE END OF THE DAY.
2. IF RESTORED ON SAME DAY, COMPOST SOCK SHALL NOT REQUIRED.
3. CONSTRUCTION WILL CONSIST OF EXCAVATING A TRENCH 8 TO 12 INCHES WIDE AND APPROX. 42" DEEP.
4. TRENCH WILL BE EXCAVATED WITH A RUBBER-TIRE: BACKHOE, CHAIN TYPE TRENCHER, OR EXCAVATOR.
5. AFTER EXCAVATION, THE CONDUIT IS PLACED IN THE BOTTOM AND THE TRENCH IS BACKFILLED WITH THE EXCAVATED MATERIAL AND COMPACTED.
6. MATERIAL EXCAVATED FROM THE TRENCH THAT IS UNSUITABLE FOR BACKFILL WILL BE HAULED AWAY AND REPLACED WITH SUITABLE MATERIAL.
7. ALL MATERIAL HAULED FROM THE CONSTRUCTION SITE WILL BE DISPOSED OF IN AN ACCEPTABLE MANNER AT AN OFF-SITE DISTRICT APPROVED WASTE FACILITY.
8. ALL TRENCHES WILL BE BACKFILLED BY THE END OF EACH DAY'S WORK WITH NO TRENCHES BEING LEFT OPEN OVERNIGHT.
9. ALL BACKFILLED TRENCHES WILL BE SEEDED AND MULCHED. FILTER SOCK TO BE REMOVED UPON ACHIEVEMENT OF UNIFORM 70% REVEGETATION.

TYPICAL BURIED ELECTRICAL CONDUIT TRENCH DETAIL

NOT TO SCALE



FARM FENCE DETAIL

(UNLESS OTHERWISE SPECIFIED)

NOT TO SCALE

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Project Title: TRI-COUNTY SOLAR LAND DEVELOPMENT PLANS
Project Location: STATE ROUTE 25 KANE COUNTY, ILLINOIS
Sheet Title: DETAIL SHEET

REV.	DESCRIPTION	DATE

SCALE: AS NOTED
PROJECT #: 250028
PERMIT #
PLAN DATE: 9-9-2025

LD-400
Sheet 9 of 9