

RESOLUTION 2024-_____

**AUTHORIZING DECOMMISSIONING AGREEMENT
FOR SUMMIT RIDGE ENERGY, LLC (Vermilion 2)**

WHEREAS, a solar project known as the U.S. Solar Oakwood Township project was approved for a building permit by the Vermilion County Board on December 5, 2022; and

WHEREAS, the project is now owned by Summit Ridge Energy and is known as "Vermilion 2"; and

WHEREAS, Summit Ridge has submitted a decommissioning plan ("**Decommissioning Plan**"), dated March 8, 2024, a copy of which is attached hereto as Exhibit A; and

WHEREAS, Summit Ridge and the County wish to enter into an agreement in order to safeguard the County and the taxpayers funds in the event decommissioning must be performed on behalf of the County; and

WHEREAS, the Decommissioning Plan has material terms that are favorable to Vermilion County, particularly an estimated decommissioning cost of \$599,290.00, which excludes salvage value and will be updated every 5 years; and

WHEREAS, once the Decommissioning Plan is approved, Summit Ridge Energy shall enter into a Decommissioning Agreement with the County and post a bond in the amount above in favor of the County.

NOW, THEREFORE BE IT ORDAINED BY the County Board of Vermilion County that the terms and form of the proposed Decommissioning Plan is hereby approved as the acceptable Decommissioning Plan and the County Board Chair is given authority to execute a Decommissioning Agreement on behalf of the County which shall incorporate the terms of the Decommissioning Plan and that Summit Ridge Energy shall then post a bond in the amount mandated.

PASSED, APPROVED, AND ADOPTED by the County Board of Vermilion County this 16th day of April 2024.

Chair, Vermilion County Board

ATTEST:

Clerk of the County Board

EXHIBIT A
DECOMMISSING PLAN

DECOMMISSIONING PLAN
for
PROPOSED SOLAR DEVELOPMENT
VERMILION 2
LAT/LONG: 40.125640, -87.842230

DATE: JANUARY 25TH, 2024
Revision March 8th, 2024

Prepared by:
Summit Ridge Energy.
1000 Wilson Boulevard, Suite 2400
Arlington, VA 22209



Dale Johnson, PE; License Expiration: 11/30/2025



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OVERVIEW

Summit Ridge Energy (SRE) has prepared this Decommissioning Plan for a proposed Solar Farm Energy System (SFES) in Vermilion County, called Vermilion 2 solar project. The proposed SFES will be 3.0 Megawatts (MW) direct current and 2.0 MW alternating current in size, and will have 5,280 modules mounted to single-axis-tracker type racking. The racking will track the sun's motion throughout the day and generate clean energy for interconnection to the public utility grid.

The location of the proposed solar facility is currently an agricultural field located approximately 5 miles west of Danville, Illinois off N 500 Rd E. The project is located on an existing agricultural field that is cleared of major trees. The site generally slopes down to the east at a slope of approximately 1% grade and the soils are predominantly silt loams.

The purpose of the Decommissioning Plan is to provide the general scope of work and construction cost estimate for the assurance/surety process. This document outlines the decommissioning activities required to restore the SFES site to a meadow condition that existed prior to construction of the facility. The solar system has an anticipated design life of 40 years and is intended to be decommissioned after this period has ended.

The SFES will produce power using photovoltaics (PV) panels mounted on ground supported galvanized metal piles. The facility will generally include equipment pads, perimeter security fencing, underground electrical conduits, overhead wires and utility poles, and a gravel access driveway. The site is located directly to the south of an adjacent proposed solar development called Vermilion 1, under a separate cover. The major infrastructure quantities for this project have been summarized below, with the full detailed list provided in Attachment 1:

- Gravel Driveway – 24,505 square feet
- Perimeter Fence – 4,028 linear feet
- Equipment Pad – 1,082 square feet
- Solar Modules – 5,280 Hanwah Q.peak

The reported costs include labor, materials, equipment, contractor's overhead, and profit; the labor costs have been estimated using regional labor rates from RS Means and have been found to be consistent with the county prevailing wage rates. The contractor will use the county's prevailing wage rates for decommissioning labor, included in Attachment 4..

DECOMMISSIONING ACTIVITIES

DISMANTLEMENT, DEMOLITION, AND RECYCLING

The dismantling and demolition of the SFES shall generally include the removal of all solar electric systems, buildings, cabling, electrical components, roads, foundations, pilings, and any other associated facilities to a level not less than five feet below the surface.

Following coordination with the local utility company (Ameren) regarding timing and required procedures for disconnection, the SFES connection will be removed from the electrical grid. All electrical connections to the system will be disconnected and all connections will be tested locally to confirm that no electric current is running through them before proceeding. All electrical connections to the panels will be cut at the panel and then removed from their framework by cutting or dismantling the connections to the supports. Modules, inverters, transformers, meters, fans, lighting fixtures, and other electrical structures will be removed. The term “hazardous” will be defined by the laws and regulations in effect at the time of decommissioning. Disposal of these materials at a landfill will be governed by State and Public Local Laws of the County or Town and including the Code of Illinois Regulations (COILR) governing waste disposal at County area landfills, and as may be amended from time to time.

Acceptable waste facilities could include the Danville Landfill, which is approximately 15 miles from the project site, and could accept construction and demolition debris for the project. The Facility can accept non-recyclable waste; this estimate assumes a cost for the transport and disposal fee to this site. Additional facilities which can accept metal recyclable materials (piles and racking) are Bryant Industries, which would pay salvage cost for the material, however, this was excluded in order to provide a conservative decommissioning estimate and it was assumed all this material was taken to Danville Landfill.

In order to recycle the solar modules a solar recycling company called [We Recycle Solar](#) was contacted and a quote was obtained for this specific project, this cost is carried in the estimate. Other options are [Green Clean Solar](#), which offer the same module recycling. The module recycling company will come to the site, collect, and transport the modules to their own recycling and salvage factory. The solar modules materials will be recycled for re-use and not be disposed of at a landfill. Additional materials for these companies are provided in Attachment 3.

For additional solar panel recycling options, the manufacturer of the solar modules for the project is called Hanwah Qcells, which participate in an [Extended Producer Responsibility \(EPR\)](#) program starting in 2023. The program implements a waste panel recycling program which helps to transfer the recycling responsibility back to the producer. This will basically provide additional means and methods for the solar modules to be disposed of, as the program requires the manufacturer to provide a waste panel recycling system and purchase the modules back during decommissioning (for reference purposes).

All associated structures will be demolished and removed from the site for recycling or disposal, but no later than within 90 days after the end of energy production. The owner or operator shall notify the County Zoning Administrator by certified mail of the proposed date of discontinued operations and plans for removal.

Consultation with the landowner will determine if the access driveway should be left in place for their continued use. If the access driveway is deemed unnecessary by owner, the contractor will remove the gravel surface and base completely and backfilled with native soils. Clean aggregate can be disposed of offsite typically at landfills for no disposal cost. In the area of the former driveway, reuse native soils if possible for backfill and import additional topsoil, spread evenly to provide a smooth transition to

existing grade. Stabilize soils with a native grassland seed mixture, unless otherwise specified by the local soil and water conservation district.

Sanitary facilities will be provided on-site for the workers conducting the decommissioning of the SFES. Underground conduits/raceways will be removed in their entirety. Wiring associated with above ground wire hanging systems, such as CAB, will be removed. Above ground power lines and poles that are not owned by the utility will be removed by the general contractor, along with associated equipment (isolation switches, fuses, metering) and holes will be filled with clean and compacted soil. Poles and equipment owned by Ameren will be removed by them and reimbursed for the work by SRE.

A significant amount of the components of the photovoltaic system at the facility will include recyclable or re-saleable components, including copper, aluminum, galvanized steel, and modules. Due to their resale monetary value, these components will be dismantled and disassembled rather than being demolished and disposed. It is anticipated that materials may be salvaged and some of the costs recovered. It is assumed that the galvanized steel components such as the racking, fencing, and foundation system can be recycled for a market value salvage value. The project general contractor will maximize recycling and reuse and will work with manufacturers, local subcontractors, and waste firms to segregate material to be recycled, reused, and/or disposed of properly. However, salvage value has been excluded from the decommissioning estimate to provide a conservative decommissioning estimate.

An Erosion and sediment control measures are required during the decommissioning process. These measures include a stabilized construction entrance, silt fence, concrete washout stations, and ground stabilization practices. The owner/operator will restore the project location to a vegetated meadow condition.

As with the project's construction, noise levels during the decommission work will increase. Proper steps will be followed to minimize the disturbance, such as using proper equipment for removing the support piles. Work hours are assumed to be 8 hours a day, during daylight hours. Also, road traffic in the area may increase temporarily due to crews and equipment movements. It is the responsibility of the general contractor to provide a traffic control plan to the appropriate reviewing authority, as needed, for approval prior to decommissioning.

A final site walkthrough will be conducted to remove debris and/or trash generated within the site during the decommissioning process and will include removal and proper disposal of any debris that may have been wind-blown to areas outside the immediate footprint of the facility being removed.

SITE STABILIZATION AND RESTORATION

The areas of the SFES that are disturbed (during decommissioning) will require minor grading activities to restore the site to a pre-development condition. Grading is required to establish a uniform and consistent slope; the ground will be stabilized via hydro seeding with the surface treatment approved by the building inspector/planning board, including application of a selected native grassland seed mix to surfaces disturbed during the decommissioning process. Additionally, minor volumes of soil material will

be required to restore the access driveways and concrete equipment pad area. Repair any damage to the onsite drainage tile. All site stabilization activities will be completed in accordance with the approved Sediment and Erosion Control Plan issued by the local Authority Having Jurisdiction (AHJ). At the time of approval of this plan, it is unknown whether a permit will be required for decommissioning, however, it will be verified with the County prior to commencement.

CURRENT PERMITTING REQUIREMENTS

We anticipate the following permits may be required prior to commencement of the decommissioning work: National Pollution Discharge Elimination Systems (NPDES) and a local Building Permit. Contractor will prepare a Stormwater Pollution Prevention Plan (SWPPP) and a Spill Prevention Control and Countermeasures (SPCC) plan may be required. However, because the decommissioning is expected to occur later in the future, the permitting requirements will be reviewed and might be subject to revisions based on local, state, and federal regulations at the time.

SCHEDULE

The decommissioning process is estimated to take approximately 6 -8 weeks, but no longer than six (6) months, and is intended to occur outside of the winter season.

The decommissioning plan may require resubmission to the County Building and Zoning Department as required by the county. Upon receipt of this new estimate, the County Building and Zoning Department may require the applicant, owner, or operator of the SFES project to provide a new financial plan for decommissioning acceptable to the County Building and Zoning Department and the Environmental Committee of the County Board. Failure to provide an acceptable financial plan shall be considered a cessation of operations.

SOLAR DECOMMISSIONING ESTIMATE

The decommissioning estimate is based on available regional labor rates and has neglected any credits for salvaging project material. It is estimated that the decommissioning of this project will cost approximately **\$599,290**. The terms set forth in this plan are binding.

ATTACHMENT 1: DECOMMISSIONING ESTIMATE



**DECOMMISSIONING COST ANALYSIS
VERMILLION 2 SOLAR PROJECT**

DATE: 01.25.24, rev 03.08.24



Standard Equipment and Work Crews Daily Rates	Labor Hours, Daily total	Daily Cost (includes Sub O&P)	Comment
Crew			
A-3C: Skid Steer 78 HP, 1 Equip Operator	8	\$ 1,169.70	General Site Work/loading
A-3D: 1 Flatbed Trailer 25 ton, 1 pickup truck, 1 Truck Driver	8	\$ 1,088.24	Module Loading
B-10B: 1 Dozer 200 HP, 1 Equipment operator, 0.5 laborer,	12	\$ 2,648.93	Remove Driveway, Site restoration
B-12D: 1 Hydraulic Excavator 3.5 CY, 1 Equip operator, 1 Laboror,	16	\$ 3,761.86	Remove Piles, excavation etc
B-17: 1 Backhoe 48 HP, 1 Dump Truck 8 CY, 2 laborers, 1 Operator, 1 Driver	32	\$ 3,454.23	Material Loading
A-31: 1 Hydraulic Crane 40 ton, 1 Equip operator	8	\$ 3,337.44	Material Loading
A-3P: Forklift, 31' reach, 1 operator	8	\$ 1,431.37	Equipment and Operator
B-2: 1 Labor Foreman, 4 laborers	40	\$ 2,925.60	General Labor
R-1: 1 foreman, 3 electricians, 2 apprentice	48	\$ 4,767.60	Skilled Labor
Equip. Rent-Boom, 60', w/ Operator-1 day (sect. 0154-40-0075)	8	\$ 571.50	Rental for Overhead line removal

Material and Equipment Removal Unit Rates	Hours	Hours
Module Removal Rate, module/hour	48	Pile Removal Rate, piles/day
Module Wire Removal Rate, hr	0.5	Time to remove overhead lines, LF/hr
Time to remove AC/DC lines, LF/hr	100	Time to remove a utility pole/hr
Rack Removal Rate (Rack,wire,motor), Strings/hour	1.5	Inverter Removal Rate, hr/inverter
Grading Rate, CY/hour	50	Transformer/switchgear Removal Rate, hr/unit
Fence Removal Rate, LF/Hr	250	Racking Loading Rate, min/LF
Silt Fence Install/Removal rates, LF/HR	50	Ground Seeding Rates, Ac/hr

DISASSEMBLY & DISPOSAL	QTY		Time to Complete Task, Days	Completed by Crew ID#	Labor Hours/ Total	Cost, \$
Remove Modules	5,280	Modules	14	B-2, A-3D, A-3P	784	\$ 76,232.94
Remove Inverters	16	EA	1	B-2, R-1	88	\$ 7,693.20
Remove Transformer, Switchgear, and misc. electrical equipment(s) loading	1	EA	1	A-31	8	\$ 3,337.44
Remove Foundation Piles	964	EA	3	B-12D, A-3C, A-3D	96	\$ 18,059.40
Remove Racking (torque tubes, motor, & supports) Strings	220	Strings	19	A-3D, A-3C, B-12D	608	\$ 114,376.20
Remove DC Wiring	2,323	LF	3	R-1, B-12D	192	\$ 25,588.38
Remove AC Wiring	764	LF	1	R-1, B-12D	64	\$ 8,529.46
Remove Fence	4,028	LF	3	B-17	96	\$ 10,362.69
Remove Gravel Access Drive	907	CY	3	A-3C, B-10B, B-12D	108	\$ 22,741.47
Removal Utility Poles	8	EA	1	Rent-Boom Lift	8	\$ 571.50
Remove Equipment Pad	1	LS	1	B-12D, B-2	56	\$ 6,687.46
SITE RESTORATION						
Re-Seeding and mulching and site cleanup/restoration	22	AC	3	A-3C, B-2	144	\$ 12,286
Temporary Erosion and Sediment Control / silt fence	3000	LF	8	B-12	128	\$ 30,095
Construction Entrance	1	EA	1	B-12	8	\$ 2,000.00
OTHER COSTS						
Transportation to C&D landfill (10 truckloads reqd, 15 miles one way trip)	300	MILE	\$ 3.05			\$ 9,150.00
Waste Disposal Cost - C&D	110	Tons	\$ 50.00			\$ 55,000.00
Panel Recycling by We Recycle Solar (per Quote in Attachment)	1	LS	\$ 142,098.00			\$ 142,098.00

Notes

1. The crew rates provided are based on regional labor and crew rates per the R5 Means: Site Work & Landscape Cost data book version 2023.

Labor Hours Total		2,252
Subtotal	\$	544,809
Mobilization Cost, \$ (10%)	\$	54,481
TOTAL	\$	599,290

ATTACHMENT 2: Civil Drawings

CONCEPTUAL SITE PLAN

VERMILION SOLAR 1 AND 2
SOLAR PROJECT
LAT/LONG: 40.126404, -87.845151

NOT FOR CONSTRUCTION



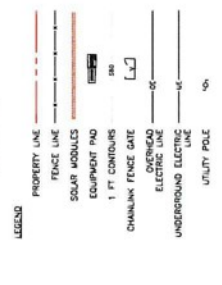
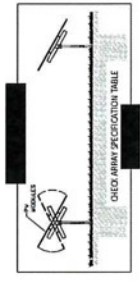
REVISIONS

NO.	DATE	DESCRIPTION
1	01/27/2021	CONCEPTUAL SITE PLAN
2	07/27/2021	ADJUSTMENT TO SOLAR DESIGN
3	07/27/2021	ADJUSTMENT TO SOLAR DESIGN

REV	NO.	DATE	DESCRIPTION
1	1	01/27/2021	CONCEPTUAL SITE PLAN
2	2	07/27/2021	ADJUSTMENT TO SOLAR DESIGN
3	3	07/27/2021	ADJUSTMENT TO SOLAR DESIGN

1. THE PROPOSED SITE PLAN IS CONCEPTUAL. FINAL EQUIPMENT SELECTION MAY VARY FROM THE DATA SHOWN HEREIN.
2. THE SITE SURVEY PREPARED ON 05/24/2022 BY WESTWOOD AND IS BEING PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND SHALL BE USED AS A POINT OF REFERENCE FOR THE CONCEPTUAL DESIGN AND SHALL BE USED FOR THE INTERCONNECTION FEE STUDY TO BE DESIGNED IN ACCORDANCE WITH THE ILLINOIS INTERCONNECTION FEE STUDY AND VERMILION COUNTY CODES.
3. THE PROPOSED SITE PLAN IS CONCEPTUAL AND SHALL BE USED FOR THE INTERCONNECTION FEE STUDY TO BE DESIGNED IN ACCORDANCE WITH THE ILLINOIS INTERCONNECTION FEE STUDY AND VERMILION COUNTY CODES.
4. THE PROPOSED SITE PLAN IS CONCEPTUAL AND SHALL BE USED FOR THE INTERCONNECTION FEE STUDY TO BE DESIGNED IN ACCORDANCE WITH THE ILLINOIS INTERCONNECTION FEE STUDY AND VERMILION COUNTY CODES.
5. THE PROPOSED SITE PLAN IS CONCEPTUAL AND SHALL BE USED FOR THE INTERCONNECTION FEE STUDY TO BE DESIGNED IN ACCORDANCE WITH THE ILLINOIS INTERCONNECTION FEE STUDY AND VERMILION COUNTY CODES.

ARRAY SPECIFICATIONS SYSTEM 1	
DC SYSTEM SIZE (KW)	3,006.72
MODULE	HANWHA Q CELLS G1-540
MODULE POWER (W)	540
DC SYSTEM SIZE (KW)	3,006.72
MODULE	HANWHA Q CELLS G1-540
MODULE POWER (W)	540
DC SYSTEM SIZE (KW)	3,006.72
MODULE	HANWHA Q CELLS G1-540
MODULE POWER (W)	540



PROPOSED POINT OF INTERCONNECTION
SITE LAT/LONG: 40.126404, -87.845151
PROPOSED POINT OF INTERCONNECTION
SITE LAT/LONG: 40.126404, -87.845151
P1 UTILITY METER POLE (TYP)
P2 PV/DI CONNECT GEAR POLE OUTWARD OWNED AND UTILITY ACCESSIBLE (TYP)
P3 CUSTOMER METER POLE (TYP)
P4 CUSTOMER METER POLE (TYP)
P5 CUSTOMER METER POLE (TYP)
P6 CUSTOMER METER POLE (TYP)
P7 CUSTOMER METER POLE (TYP)
P8 CUSTOMER METER POLE (TYP)
P9 CUSTOMER METER POLE (TYP)
P10 CUSTOMER METER POLE (TYP)

CIVIL CONSTRUCTION PLANS FOR USS VERMILION SOLAR 1 AND 2

LOCATED AT
500 EAST ROAD AND 1800 NORTH ROAD,
VERMILION COUNTY, IL 61857
40.126404, -87.845151

PROJECT TEAM

OWNER
USS VERMILION SOLAR 1 AND 2 LLC
100 NORTH 9TH STREET, #700E
MILWAUKEE, WI 53233
CONTACT: JESSIE ROYER
PHONE: (412) 299-1987

CONTRACTOR
MILLER BROS.
2000 W. 14TH ST.
DUNDAS, ONTARIO, CANADA
CONTACT: PETER LAGAMERA
PHONE: (416) 246-1267

SURVEYORS
WESTWOOD PROFESSIONAL SERVICES
1900 MEDICAL ARTS AVE. S. SUITE 100
MILWAUKEE, WI 53233
CONTACT: JOHN SHOWN
PHONE: (414) 251-3149

ELECTRICAL ENGINEER
MASON COOPER, P.E.
500 EAST ROAD, SUITE 200
VERMILION, IL 61857
CONTACT: JACK LEAHY
PHONE: (461) 301-0456

AGRICULTURAL ENGINEER
HODGESTON MADRINE PROFESSIONAL LAND
201 NORTH VERMILION STREET
DANVILLE, IL 61832
CONTACT: TOM MADRINE
PHONE: (317) 534-6000

APPLICABLE CODES

- NATIONAL ELECTRICAL CODE (NEC) (LATEST EDITION)
- NATIONAL PLUMBING CODE (NPC) (LATEST EDITION)
- NATIONAL MECHANICAL CODE (MCC) (LATEST EDITION)
- NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72) (LATEST EDITION)
- ILCS 150/1-1 (LATEST EDITION)

GEOTECHNICAL REPORT

THE GEOTECHNICAL ENGINEERING REPORT FOR THE USS VERMILION SOLAR 1 AND 2 PROJECT WAS PROVIDED BY WESTWOOD PROFESSIONAL SERVICES, DATED 03/07/2023, IS LOCATED AT THE PROJECT SITE. THE REPORT IS A TECHNICAL DOCUMENT AND IS NOT TO BE CONSIDERED PART OF THESE CONSTRUCTION DOCUMENTS.

SURVEY NOTE

THE SURVEY PROVIDED BY WESTWOOD PROFESSIONAL SERVICES, DATED 03/07/2023, IS LOCATED AT THE PROJECT SITE. THE SURVEY IS A TECHNICAL DOCUMENT AND IS NOT TO BE CONSIDERED PART OF THESE CONSTRUCTION DOCUMENTS.

FLOOD ZONE NOTE

ACCORDING TO DATA OBTAINED FROM FEMA, THE FLOOD ZONE MAP FOR THE PROJECT IS IN PANELS 17R040200 AND 17R040300, BOTH WITH AN ANTI-CIRCULAR BUFFER. THE PROJECT IS LOCATED WITHIN A SPECIAL FLOOD HAZARD ZONE IN AN AREA OF ANIMAL FLOOD HAZARD AND IS NOT IN AN AREA OF SPECIAL FLOOD HAZARD.

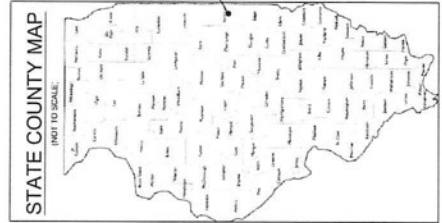
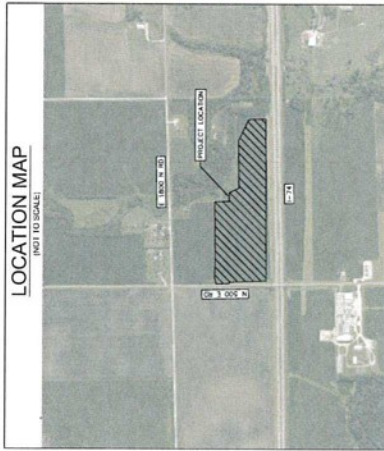
SITE INFORMATION

PARCEL ZONING: AGRICULTURAL
PROPERTY SIZE: 100 FT
RESIDENTIAL STRUCTURES: 100 FT
TWO (2) MWAC SINGLE AXIS TRACKER SOLAR ARRAY PROJECTS

SETBACK TABLE*

PROPERTY LINE	10 FT
RESIDENTIAL STRUCTURES	100 FT

*SETBACK TABLE IS BASED ON 2021 ILLINOIS ZONING ORDINANCE AND PROVIDED BY MILLER BROS. OR WESTWOOD.



Sheet Number	Sheet Title
C-100	COVER SHEET
C-200	GENERAL NOTES
C-201	AGRICULTURAL IMPACT MITIGATION AGREEMENT (AIMA) NOTES
C-300	EXISTING CONDITIONS AND DEMOLITION PLAN
C-400	OVERALL EROSION CONTROL PLAN
C-401	EROSION CONTROL PLAN
C-402	EROSION CONTROL PLAN
C-500	OVERALL SITE GRADING AND DRAINAGE PLAN
C-501	SITE GRADING AND DRAINAGE
C-502	SITE GRADING AND DRAINAGE
C-600	SITE CROSS SECTIONS
C-700	CONSTRUCTION DETAILS
C-701	CONSTRUCTION DETAILS
C-702	CONSTRUCTION DETAILS
L-100	LANDSCAPE PLAN
V-100	ALTA-NSPS LAND TITLE SURVEY (BY OTHERS)
D-100	DRAIN TILE SURVEY (BY OTHERS)

COVER SHEET

USS VERMILION
SOLAR 1 AND 2
VERMILION COUNTY, ILLINOIS

SHEET NUMBER
C-100



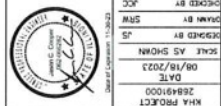
NO.	REVISIONS	DATE
1	ISSUED FOR PERMIT	08/18/2023
2	ISSUED FOR PERMIT - REV 1	09/12/2023
3	ISSUED FOR CONSTRUCTION	10/05/2023
4	ISSUED FOR CONSTRUCTION - REV 1	10/13/2023
5	ISSUED FOR CONSTRUCTION - REV 2	10/20/2023
6	ISSUED FOR CONSTRUCTION - REV 3	11/22/2023

MILLER BROS.

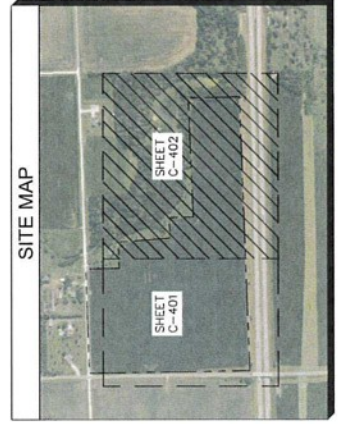
Kimley-Horn
2023 KIMLEY-HORN AND ASSOCIATES, INC.
500 LAKE COOK ROAD, SUITE 200
DEERFIELD, IL 60015-2148
WWW.KIMLEY-HORN.COM



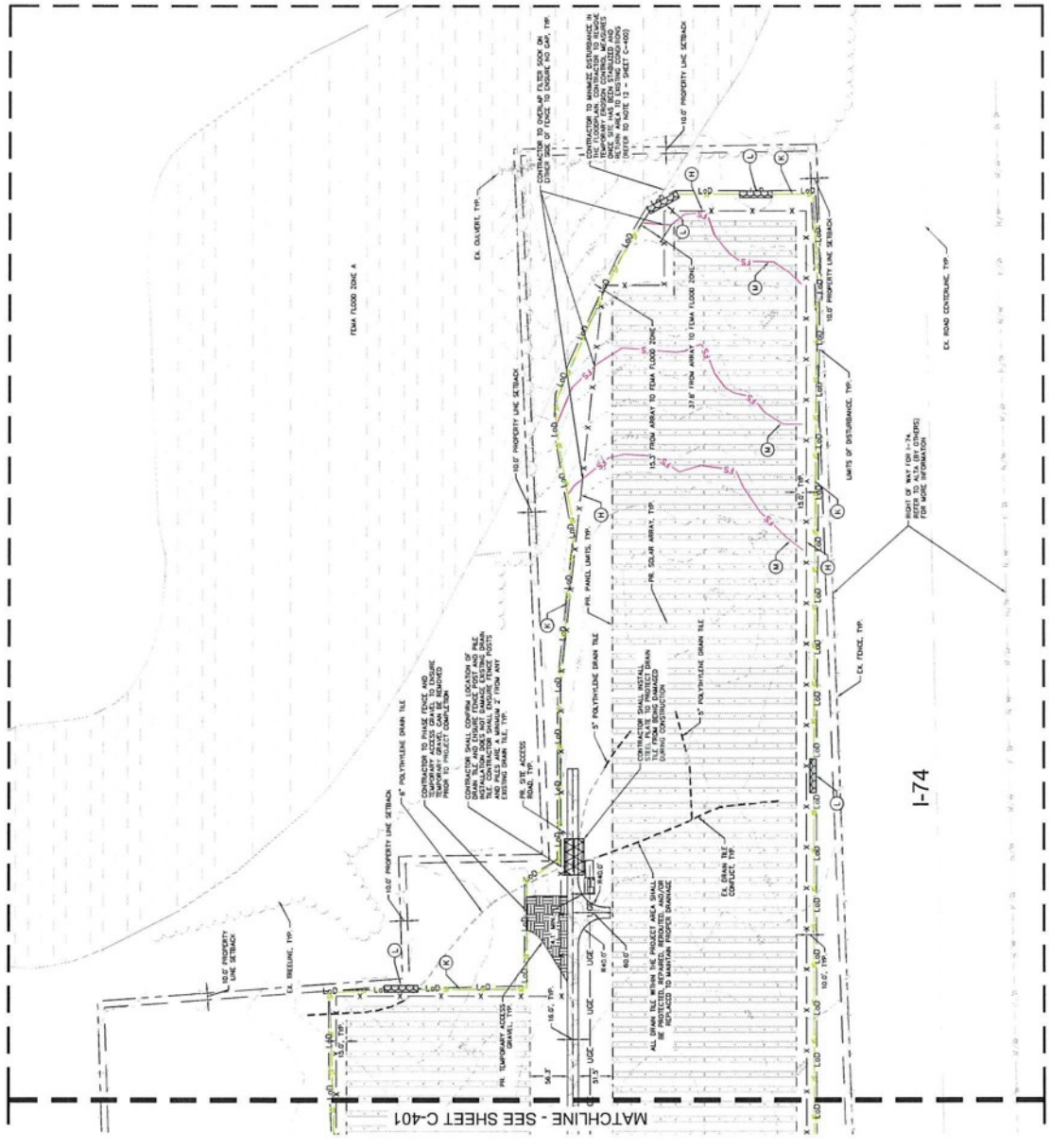
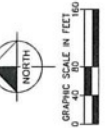
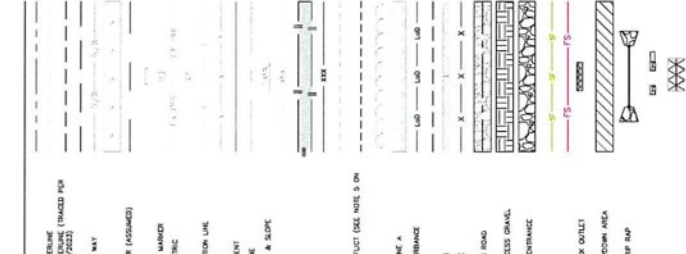
DESIGNED BY: JCC
CHECKED BY: JCC
SCALE: AS SHOWN
DATE: 08/18/2023
PROJECT: USS VERMILION SOLAR 1 AND 2



NO.	REVISIONS	DATE
1	ISSUED FOR PERMIT - REV 1	08/18/2023
2	ISSUED FOR PERMIT - REV 2	09/13/2023
3	ISSUED FOR CONSTRUCTION - REV 1	10/05/2023
4	ISSUED FOR CONSTRUCTION - REV 2	10/13/2023
5	ISSUED FOR CONSTRUCTION - REV 3	11/22/2023



- EROSION CONTROL NOTES**
- A MATERIAL DELIVERY AND STORAGE.
 - B STOCKPILE MANAGEMENT, CONTRACTOR TO SET UP STOCKPILES AND TO LOCATE UNLESS OTHERWISE SHOWN.
 - C SANITARY AREA, CONTRACTOR TO LOCATE UNLESS OTHERWISE SHOWN.
 - D LOCATION SHOWN IS APPROXIMATE. CONTRACTOR SHALL CONFIRM LOCATION SHOWN AND UPDATE THIS MAP/NOTIFY THE COUNTY IF THE LOCATION IS REVERSED. REFER TO DETAIL 4, SHEET C-701.
 - E TEMPORARY STABILIZED CONSTRUCTION ENTRANCE/EXIT AND TIRE WASH BACK; REFER TO DETAIL 4, SHEET C-701.
 - F VEHICLE AND EQUIPMENT MAINTENANCE LOCATION SHOWN IS APPROXIMATE. CONTRACTOR SHALL CONFIRM LOCATION SHOWN AND UPDATE THIS MAP/NOTIFY THE COUNTY IF THE LOCATION IS REVERSED.
 - G TRASH STORAGE LOCATION SHOWN IS APPROXIMATE. CONTRACTOR SHALL CONFIRM LOCATION SHOWN AND UPDATE THIS MAP/NOTIFY THE COUNTY IF THE LOCATION IS REVERSED.
 - H FIXED KNOT FARM FENCE; REFER TO DETAIL 1.
 - I PRELIMINARY LOCATION OF CONSTRUCTION TRAILERS, TRAILER AREAS UP TO CONTRACTOR DISCRETION.
 - J ROAD OR SITE ACCESS FOR TEMPORARY TRAVEL. CONTRACTOR DISCRETION BASED ON SITE CONDITIONS. REFER TO DETAIL 4, SHEET C-701.
 - K STANDARD SET FENCE; REFER TO DETAIL 1, SHEET C-701. CONTRACTOR SHALL MAINTAIN FENCE DURING ALL GRADING & MULLBATION ACTIVITIES.
 - L SILT FENCE ROCK OUTLET; REFER TO DETAIL 2, SHEET C-701.
 - M FILTER SOCK; REFER TO DETAIL 4, SHEET C-701.
 - N PR. RIP RAP OUTLET PROTECTION; REFER TO DETAIL 4, SHEET C-700.



1-74

NO.	REVISIONS	DATE
1	ISSUED FOR PERMIT - REV 1	08/13/2023
2	ISSUED FOR CONSTRUCTION - REV 1	10/05/2023
3	ISSUED FOR CONSTRUCTION - REV 2	10/17/2023
4	ISSUED FOR CONSTRUCTION - REV 3	11/22/2023

Miller Bros.

Kimley-Horn

KIMLEY-HORN & ASSOCIATES, INC.
501 WEST 50TH AVENUE, SUITE 200
DENVER, CO 80202 (303) 733-3400
WWW.KIMLEY-HORN.COM

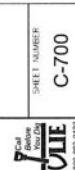


SCALE	AS SHOWN
DATE	08/13/2023
PROJECT	USS VERMILION
CONTRACT NO.	2
CONTRACTOR	SMW
DESIGNER	JSS
CHECKED BY	JCC

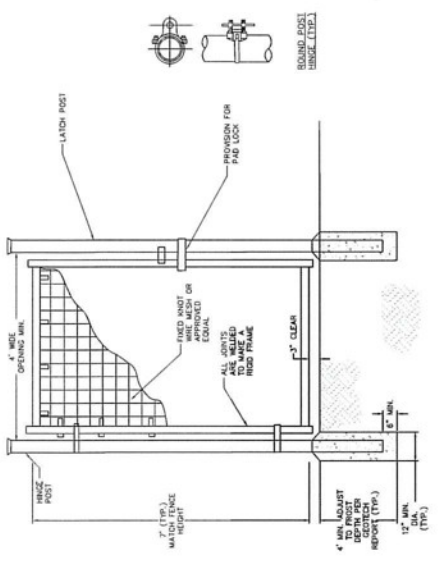
CONSTRUCTION DETAILS

**USS VERMILION
SOLAR 1 AND 2
VERMILION COUNTY, ILLINOIS**

SHEET NUMBER
C-700

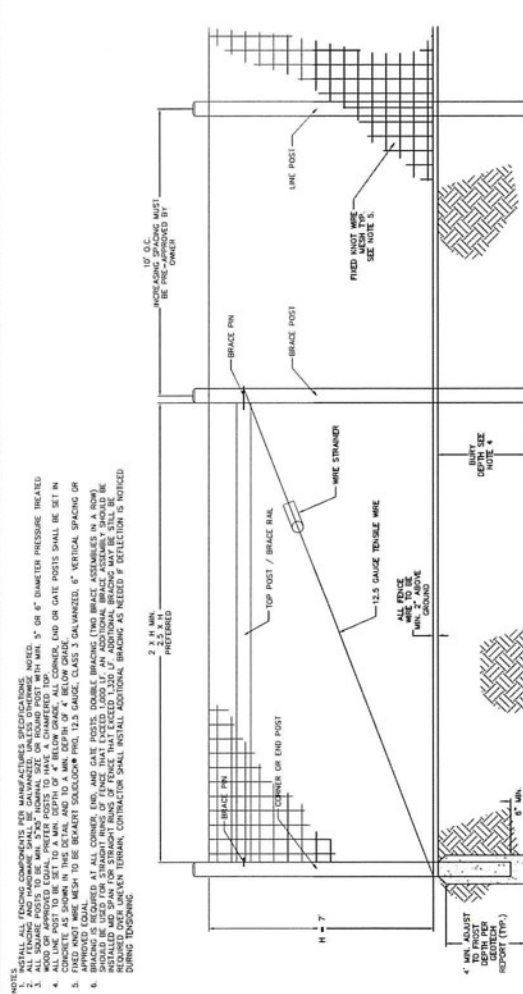


NOTES: REFER TO THE BEST PRACTICES THAT ARE USED BY THE INDUSTRY FOR THE DESIGN AND CONSTRUCTION OF THE PLANS AND SPECIFICATIONS. THE PLANS ARE PROVIDED FOR INFORMATION ONLY AND SHOULD BE USED IN CONJUNCTION WITH THE CONTRACT DOCUMENTS. ADDITIONAL INFORMATION CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE ARCHITECT AND ENGINEER BEFORE ANY CHANGES ARE MADE TO THE PLANS AND SPECIFICATIONS.



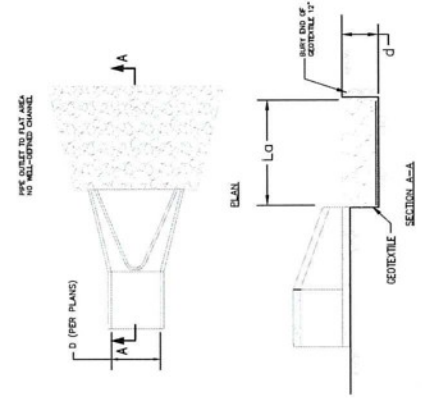
- NOTES:**
- INSTALL ALL FENCING COMPONENTS PER MANUFACTURER'S SPECIFICATIONS.
 - SPECIFICATIONS AND DRAWINGS SHALL BE CALLED OUT FOR ALL GATES. SET FIXED KNOT FARM FENCE AS SHOWN.
 - FIXED KNOT FARM FENCE SHALL BE GALVANIZED UNLESS OTHERWISE NOTED.
 - FIXED KNOT FARM FENCE SHALL BE BEHART SLODGEKOP PRO. 12.5 GAUGE, CLASS 3.
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2
FIXED KNOT FARM FENCE PERSONNEL GATE
N.T.S.



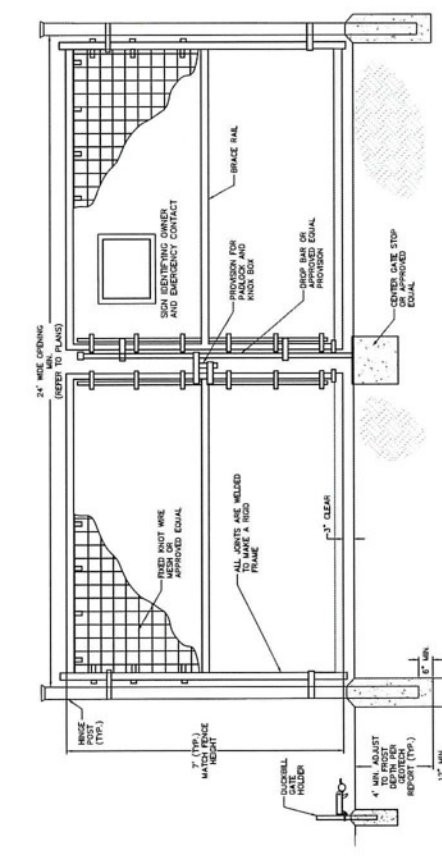
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1
FIXED KNOT FARM FENCE
N.T.S.



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3
24" WIDE FIXED KNOT FARM FENCE DOUBLE SWING GATE
N.T.S.



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4
24" WIDE FIXED KNOT FARM FENCE DOUBLE SWING GATE
N.T.S.

NET PFC AREA (SQ FT)	AREA OF RIP RAP (SQ FT)	AREA OF RIP RAP (SQ FT)	AREA OF RIP RAP (SQ FT)	AREA OF RIP RAP (SQ FT)	AREA OF RIP RAP (SQ FT)	AREA OF RIP RAP (SQ FT)	AREA OF RIP RAP (SQ FT)	AREA OF RIP RAP (SQ FT)	AREA OF RIP RAP (SQ FT)
12	10	6	3.00	13.00	15	8.89	3.7		
15	10	6	3.75	13.75	15	9.72	4.1		
18	15	9	4.50	19.50	20	20.00	11.1		
21	15	9	5.25	20.25	20	21.25	11.8		
24	18	9	6.00	24.00	20	30.00	16.7		
27	18	9	6.75	24.75	20	31.50	17.5		
30	20	9	7.50	27.50	20	38.89	21.6		
36	24	12	9.00	33.00	28	56.00	43.6		
42	27	12	10.50	37.50	30	72.00	60.0		
48	27	15	12.00	39.00	32	76.50	68.0		
54	27	15	13.50	40.50	32	81.00	72.0		
60	36	15	15.00	51.00	32	132.00	118.0		
72	44	18	18.00	62.00	32	195.56	174.0		

4
24" WIDE FIXED KNOT FARM FENCE DOUBLE SWING GATE
N.T.S.

NO.	REVISIONS	DATE
1	ISSUED FOR PERMIT - REV 1	09/13/2023
2	ISSUED FOR CONSTRUCTION	10/09/2023
3	ISSUED FOR CONSTRUCTION - REV 1	10/13/2023
4	ISSUED FOR CONSTRUCTION - REV 2	10/20/2023
5	ISSUED FOR CONSTRUCTION - REV 3	11/22/2023

MILLER BROS.

Kimley-Horn
 & Associates, Inc.
 575 EAST COOK ROAD, SUITE 100
 DEERFIELD, IL 60015 (312) 796-1348
 WWW.KIMLEY-HORN.COM



PROJECT: 26185.000
 DATE: 08/18/2023
 DRAWN BY: JSM
 CHECKED BY: JCC

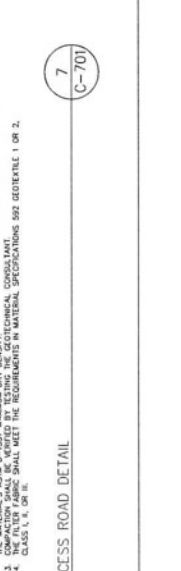
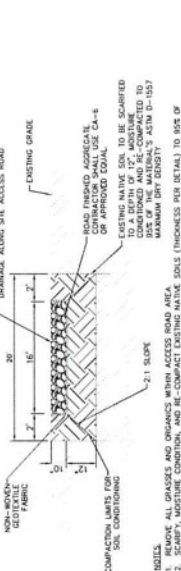
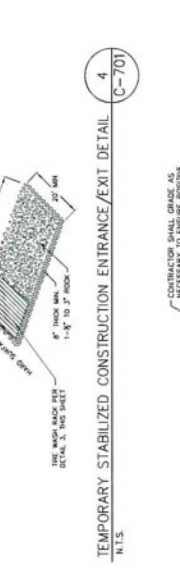
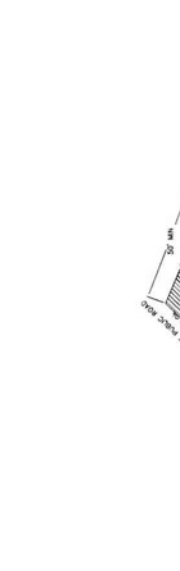
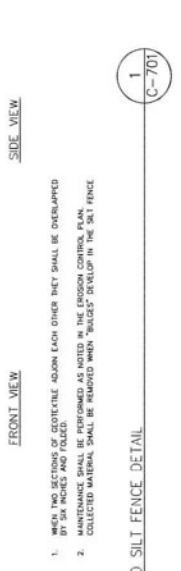
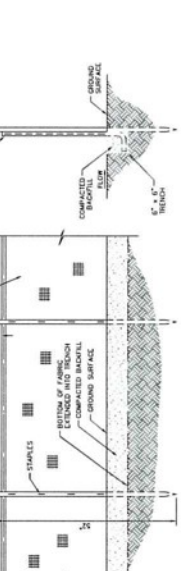
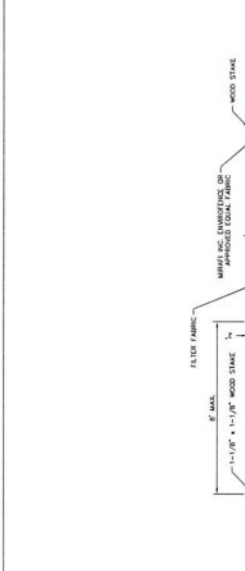
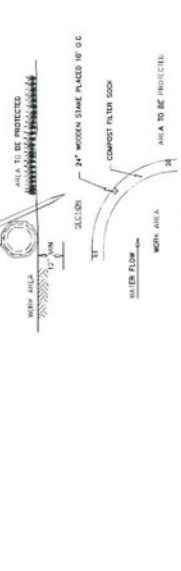
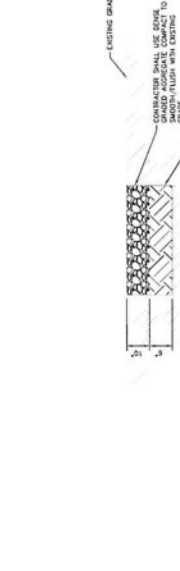
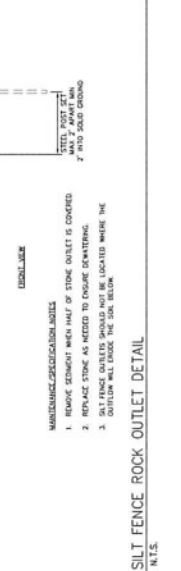
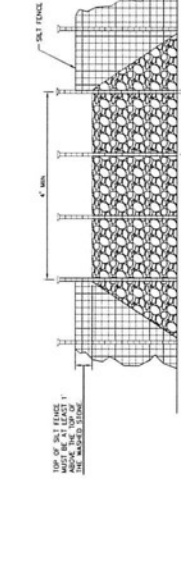
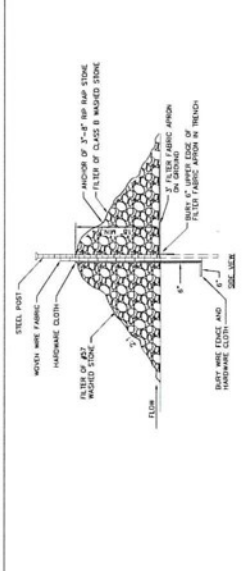
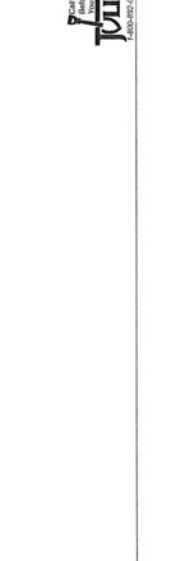
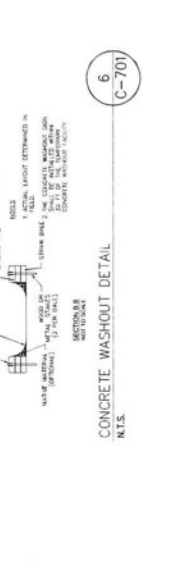
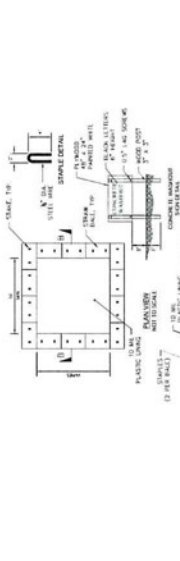
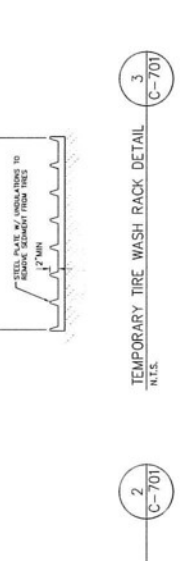
CONSTRUCTION DETAILS

USS VERMILION SOLAR 1 AND 2
 VERMILION COUNTY, ILLINOIS

SHEET NUMBER
C-701



DETAILS SHOWN ON THE OVER DETAIL SHEETS THAT ARE NOT NOTED IN THE PLANS SHALL BE REFERRED TO THE OVER DETAIL SHEETS. THE PLANS AND OVER DETAIL SHEETS SHALL BE USED TO CONSTRUCT THE PROJECT. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE LOCAL AGENCIES AND THE STATE OF ILLINOIS FOR THE PROJECT. UNLESS OTHERWISE NOTED IN THE PLANS AND GENERAL NOTES.



STANDARD SILT FENCE DETAIL
 N.T.S.

TEMPORARY STABILIZED CONSTRUCTION ENTRANCE/EXIT DETAIL
 N.T.S.

TEMPORARY TRENCH WASH RACK DETAIL
 N.T.S.

TEMPORARY GRAVEL LAYDOWN AREA
 N.T.S.

FILTER SOCK DETAIL
 N.T.S.

CONCRETE WASHOUT DETAIL
 N.T.S.

SITE ACCESS ROAD DETAIL
 N.T.S.

NO.	REVISIONS	DATE
1	ISSUED FOR PERMIT - REV 1	09/13/2023
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4	ISSUED FOR CONSTRUCTION - REV 2	10/20/2023
5	ISSUED FOR CONSTRUCTION - REV 3	11/22/2023

ATTACHMENT 3: Module Recycling Information



Quote

Customer	Quote Number	Date
Summit Ridge Energy	705	2/14/2024

Description of Work
<p>We Recycle Solar to provide secure transportation and certified, landfill-free disposal and responsible recycling services for up to 5184 Hanwah Qcell 585 Watt XL-G11S solar modules. We Recycle Solar to process at a flat-rate of \$22.00 per module. to safely package for transport by stacking, shrink-wrapping, and strapping modules across no more than approximately 192 total pallets, and load the truck for delivery to We Recycle Solar's NC processing facility. Based on quantity, weight, dimensions, DOT restrictions and historical shipments We Recycle Solar anticipates this project requiring approximately 10 flatbeds, and will need a forklift or telehandler to load.</p> <p>Pickup Location: Danville, Illinois 61844</p>

Itemized Costs	Quantity	Unit Price	Amount
Solar Panel Recycling	5184	\$22.00	\$114,048.00
Freight Charges	10	\$2805.00	\$28,050.00
Total Quote \$			142,098.00

Note: This quote is not a contract or a bill. Pricing is only valid 14 days from the date issued, and subject to change if job scope, specifications, or materials change. It is our best guess at the total price to complete the work stated above based upon information initially provided.

ABOUT US

Green Clean Solar LLC is committed to managing the waste generated during the construction phase of commercial solar sites across the United States. With a focus on landfill diversion, solar panel recycling, and the latest recycling technologies, we aim to foster a diverse workforce and promote sustainable practices

CONSULTING SERVICE OVERVIEW

We offer a specialized consultation service tailored to the renewable energy sector, providing comprehensive reports and case studies that support your pitches and decision-making processes.

Our services include the provision of Consultation Reports and Case Studies that summarize the scope of research, key research methods, findings, and recommendations, tailored to the needs of each client



CONSULTING DELIVERABLES

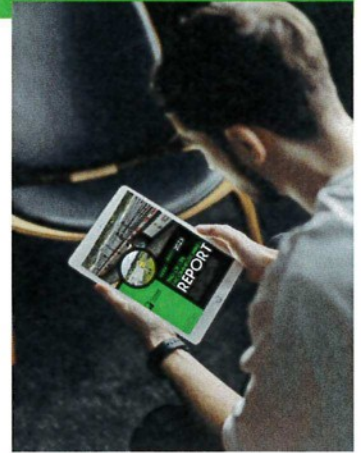
Leverage our expertise that spans across the solar and waste sectors, providing you with critical insights where end-of-life plans are pivotal

Deliverables

Detailed Consultation Report - A report that follows a logical flow, providing clear answers and actionable insights, including an executive summary, background, key facts, findings, and recommendations

A case study that exemplifies our approach and the impact of our consultation, highlighting key metrics and data points

- Waste Management Materials cataloging and handling a variety of materials, from non-recyclables to metals
- End-of-Life Panel Strategy crafting a comprehensive plan for broken and end-of-life solar panels
- Comprehensive Service Coverage provision of labor, equipment, and haulage logistics
- Progress Reporting with regular updates on waste collection, recycling efforts, and material reuse
- Landfill Reduction strategies to significantly minimize landfill deposits
- Solar Panel Recycling expertise in the specialized handling and recycling of solar panel materials
- Local Partnership Engagement collaboration with local off-takers for sustainable material management
- Transparent Costing detailed and clear breakdown of costs, highlighting the value added
- Sustainability Reporting with detailed insights into the environmental impact of the project, enhancing ESG credentials



CONTACT

1205 Johnson Ferry Road, Suite 136-164 Marietta, GA 30068
Tel: 770-229-7168 | info@greenclean-solar.com
www.greenclean-solar.com
Follow on LinkedIn: [@greenclean-solarllc](https://www.linkedin.com/company/greenclean-solar-llc)

"Waste from end-of-life solar panels presents opportunities to recover valuable materials and create jobs through recycling." - Environmental Protection Agency, Solar Panel Recycling

**QUOTE #2 - EMAIL
EXCHANGE, OPTION 2**

Our other scope of work is consulting, since we are the only renewable energy waste management company in the space, we share our experience and insights for your benefit. Our consulting reports are tailored to your specifications and require time and research to ensure accuracy.

For your particular needs, we can offer a ballpark for recycling your modules, which is about \$19-\$35 per panel. That doesn't include the decommissioning and operations costs and what it would take to return the land to its original state, just the recycling per panel costs price range.

I'm glad to deliver more information through one of our scopes of work; the most applicable sounds like consulting. Please let me know if you need our services in this capacity.

Thank you, and we look forward to supporting you.

Kindest regards,

Denise Rivas

Sustainability Reporting &
Environmental Marketing



✉ denise@greenclean-solar.com
☎ 310-936-8323
📍 1205 Johnson Ferry Road, Suite 136-164 Marietta, GA 30068
🌐 **greenclean-solar.com**

From: Dale Johnson <djohnson@srenergy.com>
Sent: Tuesday, February 13, 2024 11:41 PM
To: Denise Anderson-Rivas <Denise@greenclean-solar.com>; Emilie O'Leary <emilie.oleary@greenclean-solar.com>
Cc: Christina Anderson <christina.anderson@greenclean-solar.com>
Subject: RE: Decom Plan

Hi Denise,

Thank you for the response.

I think for now the modules was the immediate need, just something indicating that you can provide salvage or recycling services for the modules and what type of services for a ballpark cost is what I was looking for at this stage. My plan was to provide that and if the county required more detailed information I'd follow up with you all to get a detailed plan. Does that make sense?

Appreciate it.

Dale

Dale Johnson, PE

Director of Civil Engineering
Licensed in VA, IL, ME, NJ, MD, NY, NM

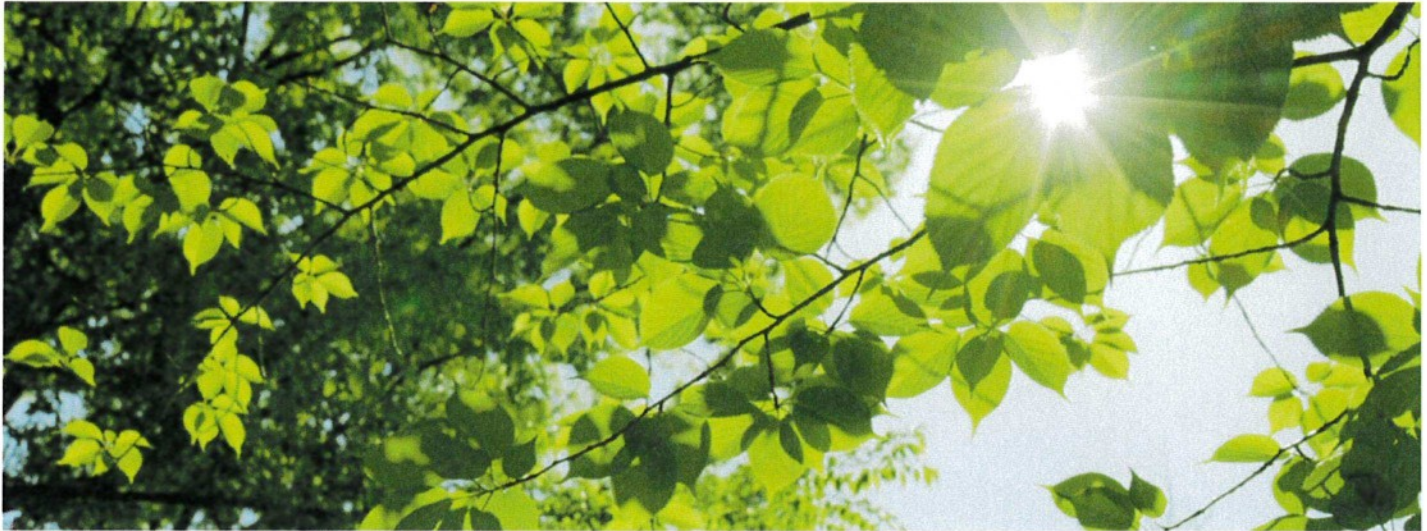
Our Commitment

Environmental

Social

Governance

Environmental



We lead changes in the environment created by producers.

As a world-class leader in a range of industries, including manufacturing, finance, retail and services, Hanwha is spearheading a new business model to respond to environmental issues and create a sustainable future. By utilizing Hanwha's technologies and capabilities, such as eco-friendly energy solutions, developing a circular economy and reducing energy use and carbon emissions, each affiliate is actively practicing eco-friendly management to minimize environmental impact and reduce greenhouse gas emissions.



Expanding Eco-Friendly Technology

We are leading renewable energy markets, such as solar, hydrogen and wind power, by capitalizing on our cutting-edge technology and production capacity. As we develop a variety of business models in response to changes in the electricity market, we will become a total energy solutions provider in all eco-friendly energy arenas.

Solar energy

With worldwide solar solutions, we are the market leader in solar modules in major renewable energy markets. In addition, we are involved in solar power plant projects in the US and Europe. Beyond solar energy production, we are expanding our value chain to downstream retail electricity and distributed energy solutions businesses. We continue to sharpen our competencies by setting a new standard for the efficiency of

Hydrogen energy

Generated with renewable energy such as solar or wind power, green hydrogen is the most eco-friendly energy and does not emit carbon in the production process. We are building a comprehensive value chain of green hydrogen—one that encompasses everything from production and storage to delivery and utilization. Our advanced technology, capabilities and experience will produce high-quality green hydrogen and

Wind energy

With our deep EPC (Engineering, Procurement and Construction) experience in wind power complexes, such as the 76MW wind farm in Yeongyang, 25MW farm in Jeju Sumang and 90MW farm in Yangyang Suri, we are cultivating the wind power business by establishing a forward-looking value chain, from business development and operation to management and investment. We are expanding as a green developer into offshore wind farms in Sinan and Boryeong. Hanwha Ocean is currently

next-generation perovskite-silicon tandem cells and modules.

provide the ultimate eco-friendly energy at a reasonable price.

constructing a state-of-the-art Wind Turbine Installation Vessel (WTIV) with the capacity to install 15MW ultra-large wind turbines in offshore locations. We are also engaged in developing floating offshore wind power substructures and offshore substations for global energy companies operating in the South Korean market.



Creating an Eco-Friendly Industrial Ecosystem

Hanwha is creating an eco-friendly industrial ecosystem by harnessing world-class green technologies. We are building a circular economy as we develop Plastic-to-Chemicals technologies beyond mere recycling of petroleum-based materials such as plastics. We produce eco-friendly products, including plastics that won't harm nature, as well as plasticizers without environmental hormones. In addition, we are expanding eco-friendly investments with coal-free financing while also promoting carbon neutrality.

Developing eco-friendly technologies and products



We are striving to develop eco-friendly technologies and products that minimize environmental impact and reduce greenhouse gas emissions. Hanwha Solutions Chemical Division developed ECO-DEHCH*, a premium eco-friendly phthalate-free plasticizer, which passed a safety test for EU regulations on Food Contact Materials. We are also advancing eco-friendly mobility with ultra-high pressure hydrogen fuel tanks using ultra-light composite materials. In addition, Hanwha TotalEnergies Petrochemical developed eco-friendly products such as phthalate- and BPA-free PP products.

Hanwha Ocean has expanded the potential of LNG as a bridge fuel that can help us move toward a carbon-free world by commercializing technologies such as re-liquefaction technology and highmanganese steel LNG fuel tanks, which minimize losses during natural gas operations. In addition, our ESD (Energy Saving Device), including an air lubrication system and the industry's first localized shaft generator motor system, contribute to reducing greenhouse gas emissions by maximizing ship operational efficiencies.

* Acquired EU REACH compliance and certified by EU Food Contact Materials

Building a circular economy

We aim to create a circular economy. First, we are improving the efficiency of using resources throughout the production process, from acquiring raw materials to the actual consumption of products. We salvage resources as much as possible through recycling after use. We will lead the plastics circular economy with differentiated technologies, such as Plastic-to-Chemicals (PTC) of waste plastics, biodegradable plastics and bioplastics. Hanwha Solutions Chemical Division is establishing a commercial plant to convert waste plastics into raw materials using PTC technology. A subsidiary of the division also launched a packaging material based on PLA (polylactic acid), a characteristic biodegradable plastic. In addition, we are developing bioplastic production technology using biomass-based raw materials with the goal of commercial production.

Practicing coal-free financing

Hanwha's six financial affiliates, including Hanwha Life, jointly announced commitments to support carbon-free power and are instituting practical ways to reduce carbon emissions through financial choices. The financial affiliates all agreed to refuse to fund construction of any coal-fired power plants or underwrite bonds issued by special purpose companies (SPCs) that have been established to build coal-powered plants locally or abroad. The affiliates will also refuse to underwrite general bonds that would finance construction of coal-fired plants. In addition, the companies promise to expand investments in environmentally friendly assets, such as renewable energy sources. We are leading change in investment standards and supporting the transition to eco-friendly energy through coal-free financing.



Improving Environmental Management

To respond to climate change and address environmental issues, Hanwha is increasing its use of low-carbon energy and minimizing environmental impact at all stages of corporate management. We are actively engaging in a range of international and national initiatives to reduce energy and carbon emissions. Some of our affiliates are practicing low-carbon and eco-friendly management, such as installing solar power generation facilities at business sites while also expanding their use of renewable energy.

Joining K-RE100 and K-EV100 Initiatives

Hanwha Solutions Qcells Division declared its participation in K-RE100*, the first for a South Korean renewable energy company. By 2050, we plan to replace 100% of our electricity usage with renewable energy. Hanwha Solutions and Hanwha TotalEnergies Petrochemical joined in the K-EV100 campaign to convert 100% of owned or leased corporate vehicles to electric or hydrogen vehicles by 2030.

* K-RE100: A voluntary campaign to replace 100% of electricity used by companies with renewable energy such as solar and wind power

Recycling solar panels

Solar panel installation is rapidly increasing owing to global interest and investments in solar energy. Accordingly, concerns are growing about the carbon dioxide generated during solar module production and how to dispose of solar panel waste. Hanwha is working to solve waste issues and contribute to a circular economy through the reuse and recycling of solar modules. **As a responsible solar energy producer, Hanwha Solutions Qcells Division is responding to an extended producer responsibility (EPR) program for solar panels that will be implemented starting in 2023 by establishing a waste panel recycling system and eco-friendly recycling.**

Operating eco-friendly workplaces

Each Hanwha affiliate is introducing low-carbon, eco-friendly operations that minimize the environmental impact that business sites or facilities may cause. At the Hanwha Headquarters building, we generate electricity and use it for office lighting with an all-in-one solar power system and solar panels installed on the roof. We also use the electricity generated by solar power at our business sites around the country, such as Hanwha Life LIFEPLUS Research Center, Hanwha Data Center, Hanwha Life Eagles Park and Galleria Luxury Hall. Going forward, we will strengthen low-carbon and eco-friendly operation in our workplaces by building eco-friendly power generation facilities, including solar power.



Advocating Eco-Friendly Values

As a world-class solar energy enterprise, our mission is to achieve sustainable growth by sharing eco-friendly values. That's why we are committed to eco-friendly programs and invite people to join the energy revolution through activities that counteract climate change and help the environment. With campaigns such as Hanwha Solar Forest, Making a Clean School, Solar Beehive, Clean Up Mekong and more, we are not only relying on solar energy, we are also making a difference.

Greener Davos



When the World Economic Forum (WEF) announced the "Towards a Greener Davos" initiative, we stepped forward to provide high-efficiency Q.PEAK 275-Wp solar modules to the Davos Congress Centre in Davos, Switzerland. The donated 640 solar modules can produce up to 340 kWp annually — enough to offset the Davos Congress Centre's carbon emissions by 20 tons per year. We're proud that this contribution played a role in the WEF receiving ISO 20121:2012 certification for sustainable event management.

ATTACHMENT 4: Vermilion County Prevailing Wage

Vermilion County Prevailing Wage Rates posted on 1/25/2024

MILLWRIGHT	All	HWY		40.10	41.85	1.5	1.5	2.0	2.0	9.45	22.34	0.00	0.76	0.00	0.00	0.00
OPERATING ENGINEER	All	ALL	1	45.15	48.15	1.5	1.5	2.0	2.0	11.85	12.80	0.00	1.35	0.00	0.00	0.00
OPERATING ENGINEER	All	ALL	2	30.05	48.15	1.5	1.5	2.0	2.0	11.85	12.80	0.00	1.35	0.00	0.00	0.00
OPERATING ENGINEER	All	ALL	3	47.15	48.15	1.5	1.5	2.0	2.0	11.85	12.80	0.00	1.35	0.00	0.00	0.00
PAINTER	All	ALL		38.47	39.97	1.5	1.5	2.0	2.0	9.85	8.17	0.00	0.60	0.00	0.00	0.00
PAINTER - SIGNS	All	BLD		45.49	51.09	1.5	1.5	2.0	2.0	8.20	16.81	0.00	0.00	0.00	0.00	0.00
PILEDRIVER	All	BLD		39.17	41.42	1.5	1.5	2.0	2.0	9.45	18.48	0.00	0.79	0.00	13.97	27.93
PILEDRIVER	All	HWY		39.17	40.92	1.5	1.5	2.0	2.0	9.45	21.15	0.00	0.76	0.00	0.00	0.00
PIPEFITTER	All	ALL		40.95	44.02	1.5	1.5	2.0	2.0	10.45	8.10	0.00	1.20	0.75	2.40	2.40
PLASTERER	All	BLD		37.05	39.05	1.5	1.5	2.0	2.0	10.00	14.14	0.00	0.50	0.00	0.00	0.00
PLUMBER	All	ALL		40.95	44.02	1.5	1.5	2.0	2.0	10.45	8.10	0.00	1.20	0.75	2.40	2.40
ROOFER	All	BLD		37.00	40.00	1.5	1.5	2.0	2.0	10.77	9.56	0.00	0.91	0.00	0.00	0.00
SHEETMETAL WORKER	All	BLD		42.73	45.23	1.5	1.5	2.0	2.0	10.80	15.97	0.00	0.55	2.09	0.00	0.00
SPRINKLER FITTER	All	BLD		47.09	50.09	1.5	1.5	2.0	2.0	11.45	14.92	0.00	0.52	0.00	0.00	0.00
STONE MASON	All	BLD		36.59	38.79	1.5	1.5	2.0	2.0	9.60	16.67	0.00	0.96	0.00	0.00	0.00
TERRAZZO FINISHER	All	BLD		34.27		1.5	1.5	2.0	2.0	9.60	12.70	0.00	0.55	0.00	0.00	0.00
TERRAZZO MASON	All	BLD		35.83		1.5	1.5	2.0	2.0	9.60	12.70	0.00	0.55	0.00	0.00	0.00
TILE MASON	All	BLD		35.83		1.5	1.5	2.0	2.0	9.60	12.70	0.00	0.55	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	1	42.17	46.53	1.5	1.5	2.0	2.0	15.39	7.45	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	2	42.76	46.53	1.5	1.5	2.0	2.0	15.39	7.45	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	3	43.03	46.53	1.5	1.5	2.0	2.0	15.39	7.45	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	4	43.42	46.53	1.5	1.5	2.0	2.0	15.39	7.45	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	ALL	5	44.52	46.53	1.5	1.5	2.0	2.0	15.39	7.45	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	1	33.74	37.22	1.5	1.5	2.0	2.0	15.39	7.45	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	2	34.21	37.22	1.5	1.5	2.0	2.0	15.39	7.45	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	3	34.42	37.22	1.5	1.5	2.0	2.0	15.39	7.45	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	4	34.74	37.22	1.5	1.5	2.0	2.0	15.39	7.45	0.00	0.25	0.00	0.00	0.00
TRUCK DRIVER	All	O&C	5	35.62	37.22	1.5	1.5	2.0	2.0	15.39	7.45	0.00	0.25	0.00	0.00	0.00
TUCK POINTER	All	BLD		36.59	38.79	1.5	1.5	2.0	2.0	9.60	16.67	0.00	0.96	0.00	0.00	0.00

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Legend

Rg Region

Type Trade Type - All,Highway,Building,Floating,Oil & Chip,Rivers

C Class

Base Base Wage Rate

OT M-F Unless otherwise noted, OT pay is required for any hour greater than 8 worked each day, Mon through Fri. The number listed is the multiple of the base wage.

OT Sa Overtime pay required for every hour worked on Saturdays

OT Su Overtime pay required for every hour worked on Sundays

OT Hol Overtime pay required for every hour worked on Holidays

H/W Health/Welfare benefit

Vac Vacation

Trng Training

Other Ins Employer hourly cost for any other type(s) of insurance provided for benefit of worker.

Explanations VERMILION COUNTY

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

EXPLANATION OF CLASSES

ASBESTOS - GENERAL - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date. **ASBESTOS - MECHANICAL** - removal of asbestos material from mechanical systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

CERAMIC TILE FINISHER, MARBLE FINISHER, TERRAZZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only and is in no way a limitation of the product handled. Ceramic takes into consideration most hard tiles.

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ELECTRONIC SYSTEMS TECHNICIAN

Installation, service and maintenance of low-voltage systems which utilizes the transmission and/or transference of voice, sound, vision, or digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background/foreground music, intercom and telephone interconnect, field programming, inventory control systems, microwave transmission, multi-media, multiplex, radio page, school, intercom and sound burglar alarms and low voltage master clock systems.

Excluded from this classification are energy management systems, life safety systems, supervisory controls and data acquisition systems not intrinsic with the above listed systems, fire alarm systems, nurse call systems and raceways exceeding fifteen feet in length.

TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

Class 2. Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vector trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

Class 3. Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units. **Class 4.** Low Boy and Oil Distributors.

Class 5. Drivers who require special protective clothing while employed on hazardous waste work.

TRUCK DRIVER - OIL AND CHIP RESEALING ONLY.

This shall encompass laborers, workers and mechanics who drive contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. The work includes transporting materials and equipment (including but not limited to, oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material when in connection with the actual oil and chip contract. The Truck Driver (Oil & Chip Resealing) wage classification does not include supplier delivered materials.

OPERATING ENGINEERS - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION Class 1. Draglines, Derricks, Shovels, Gradalls, Mechanics, Tractor Highlift, Tournadozer, Concrete Mixers with Skip, Tournamixer, Two Drum Machine, One Drum Hoist with Tower or Boom, Cableways, Tower Machines, Motor Patrol, Boom Tractor, Boom or Winch Truck, Winch or Hydraulic Boom Truck, Tournapull, Tractor Operating Scoops, Bulldozer, Push Tractor, Asphalt Planer, Finishing Machine on Asphalt, Large Rollers on Earth, Rollers on Asphalt Mix, Ross Carrier or similar Machine, Gravel Processing Machine, Asphalt Plant Engineer, Paver Operator, Dredging Equipment, or Dredge Engineer, or Dredge Operator, Central Mix Plant Engineer, CMI or similar type machine, Concrete Pump, Truck or Skid Mounted, Engineer or Rock Crusher Plant, Concrete Plant Engineer, Ditching Machine with dual attachment, Tractor Mounted Loaders, Hydro Crane, Standard or Dinkey Locomotives, Scoopmobiles, Euclid Loader, Soil Cement Machine,

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Back Filler, Elevating Machine, Power Blade, Drilling Machine, including Well Testing, Caissons, Shaft or any similar type drilling machines, Motor Driven Paint Machine, Pipe Cleaning Machine, Pipe Wrapping Machine, Pipe Bending Machine, Apsco Paver, Boring Machine, (Head Equipment Greaser), Barber-Greene Loaders, Formless Paver, (Well Point System), Concrete Spreader, Hydra Ax, Span Saw, Marine Scoops, Brush Mulcher, Brush Burner, Mesh Placer, Tree Mover, Helicopter Crew (3), Piledriver-Skid or Crawler, Stump Remover, Root Rake, Tug Boat Operator, Refrigerating Machine, Freezing Operator, Chair Cart- Self-Propelled, Hydra Seeder, Straw Blower, Power Sub Grader, Bull Float, Finishing Machine, Self-Propelled Pavement Breaker, Lull (or similar type Machine), Two Air Compressors, Compressors hooked in Manifold, Chip Spreader, Mud Cat, Sull-Air, Fork Lifts (except when used for landscaping work), Soil Stabilizer (Seaman Tiller, Bo Mag, Rago Gator, and similar types of equipment), Tube Float, Spray Machine, Curing Machine, Concrete or Asphalt Milling Machine, Snooper Truck-Operator, Backhoe, Farm Tractors (with attachments), 4 Point Lift System (Power Lift or similar type), Skid-Steer (Bob Cat or similar type), Wrecking Shears, Water Blaster.

Class 2. Concrete Mixers without Skips, Rock Crusher, Ditching Machine under 6', Curbing Machine, One Drum Machines without Tower or Boom, Air Tugger, Self-Propelled Concrete Saw, Machine Mounted Post Hole Digger, two to four Generators, Water Pumps or Welding Machines, within 400 feet, Air Compressor 600 cu. ft. and under, Rollers on Aggregate and Seal Coat Surfaces, Fork Lift (when used for landscaping work), Concrete and Blacktop Curb Machine, One Water Pump, Oilers, Air Valves or Steam Valves, One Welding Machine, Truck Jack, Mud Jack, Gunnite Machine, House Elevators when used for hoisting material, Engine Tenders, Fireman, Wagon Drill, Flex Plane, Conveyor, Siphons and Pulsometer, Switchman, Fireman on Paint Pots, Fireman on Asphalt Plants, Distributor Operator on Trucks, Tampers, Self-Propelled Power Broom, Striping Machine (motor driven), Form Tamper, Bulk Cement Plant, Equipment Greaser, Deck Hands, Truck Crane Oiler-Driver, Cement Blimps, Form Grader, Temporary Heat, Throttle Valve, Super Sucker (and similar type of equipment).

Class 3. Power Cranes, Truck or Crawler Crane, Rough Terrain Crane (Cherry Picker), Tower Crane, Overhead Crane.

Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task, the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

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