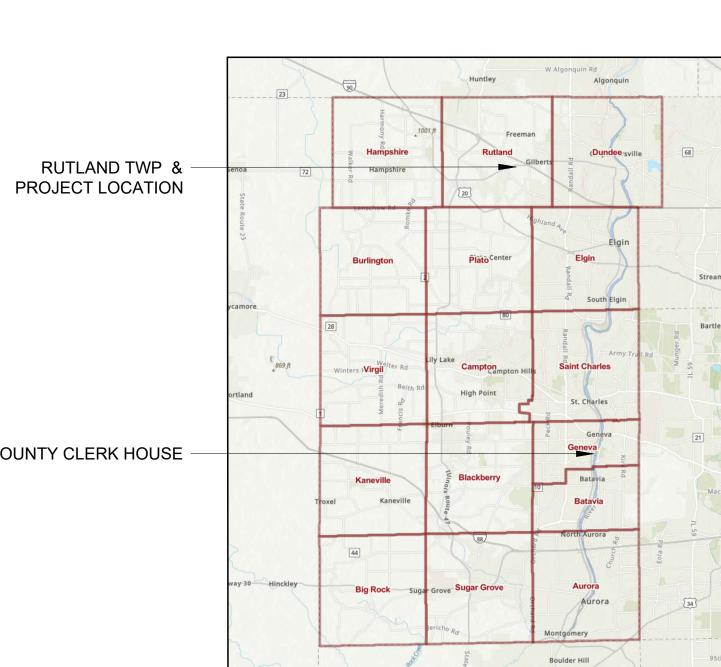


VARIOUS MEANS OF TRANSPORTATION ACCESS

(TYP.)





KANE COUNTY CLERK HOUSE



## KANE COUNTY LOCATION PLAN NOTE TO SCALE

PROJECT ADDRESS PRIMARY CONSTRUCTION LOGISTICS ROUTE

VIA (IL-21) BIG TIMBER RD

HEADING EAST BY SOUTHEAST TOWARDS

PARCEL LOCATED SOUTH OF (IL-72) HIGGINS RD

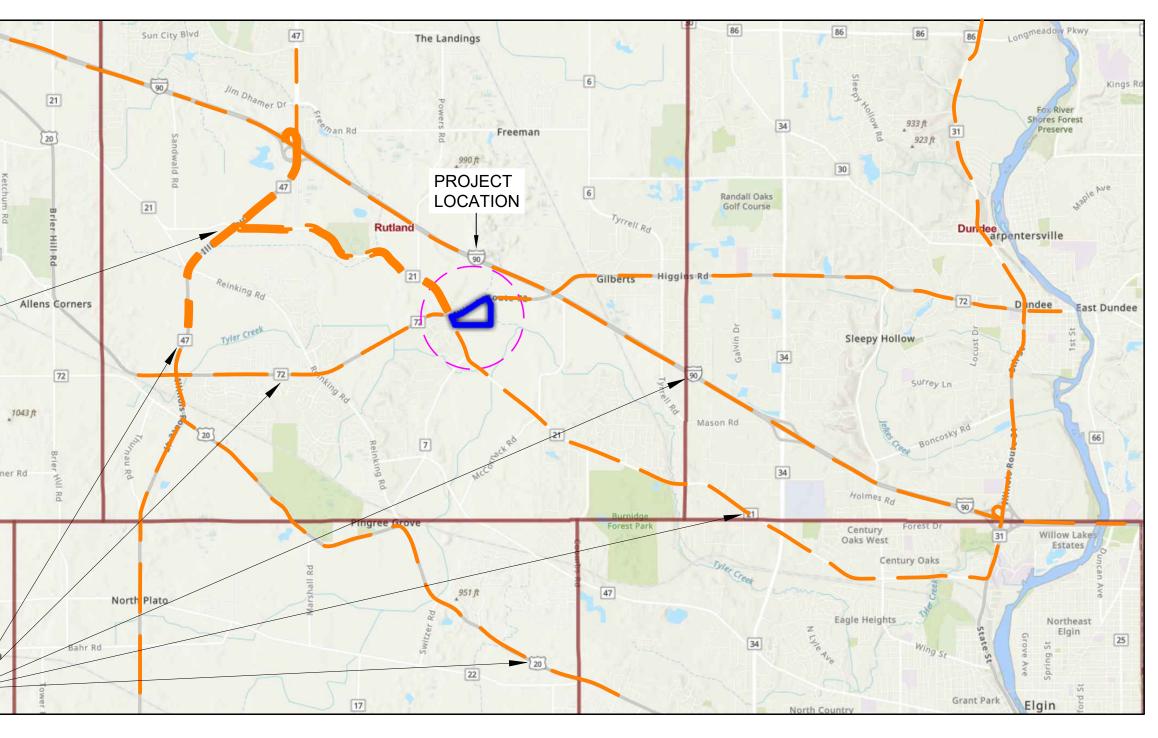
AT THE SOUTHEAST CORNER OF THE INTERSECTION.

LOCATED OFF (IL-21) BIG TIMBER RD, ON EAST SIDE.

(IL-72) HIGGINS RD INTERSECTION,

SITE CONSTRUCTION ENTRANCE GATE

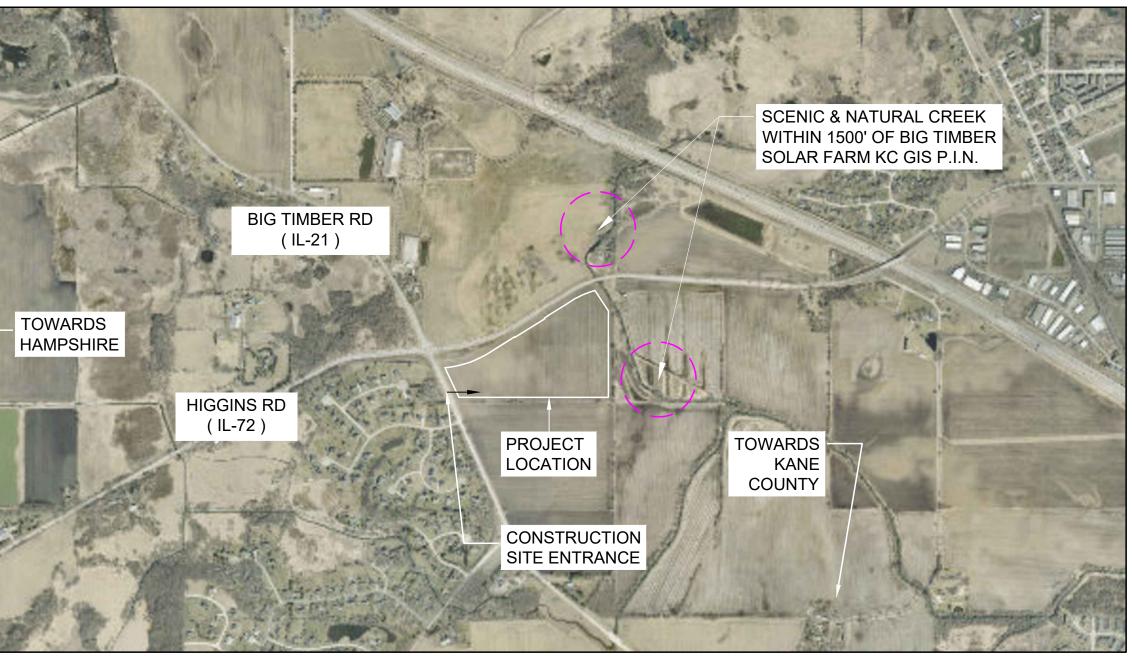
# BIG TIMBER SOLAR FARM, LLC KANE COUNTY, ILLINOIS

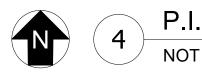




3

IDOT CONSTRUCTION LOGISTICS ROUTE(S) NOT TO SCALE

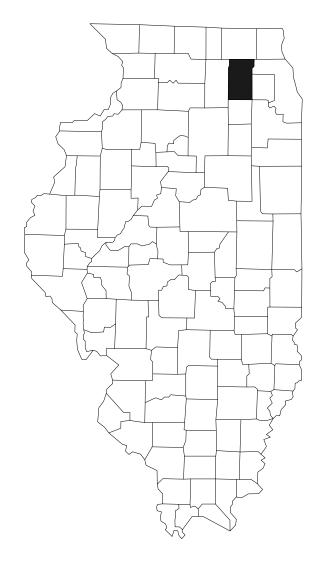




P.I.N. VICINITY MAP NOT TO SCALE

#### SHEET LIST:

DEV.01-CP	COVER PAGE
DEV.02-EC	EXISTING GENERAL CONDITIONS PLAN
DEV.03-SP	NEW POWER FACILITY SITE PLAN
DEV.04-CD	CONSTRUCTON DETAILS
DEV.05-FD	FENCE DETAILS
DEV.06-ED	EQUIPMENT DETAILS



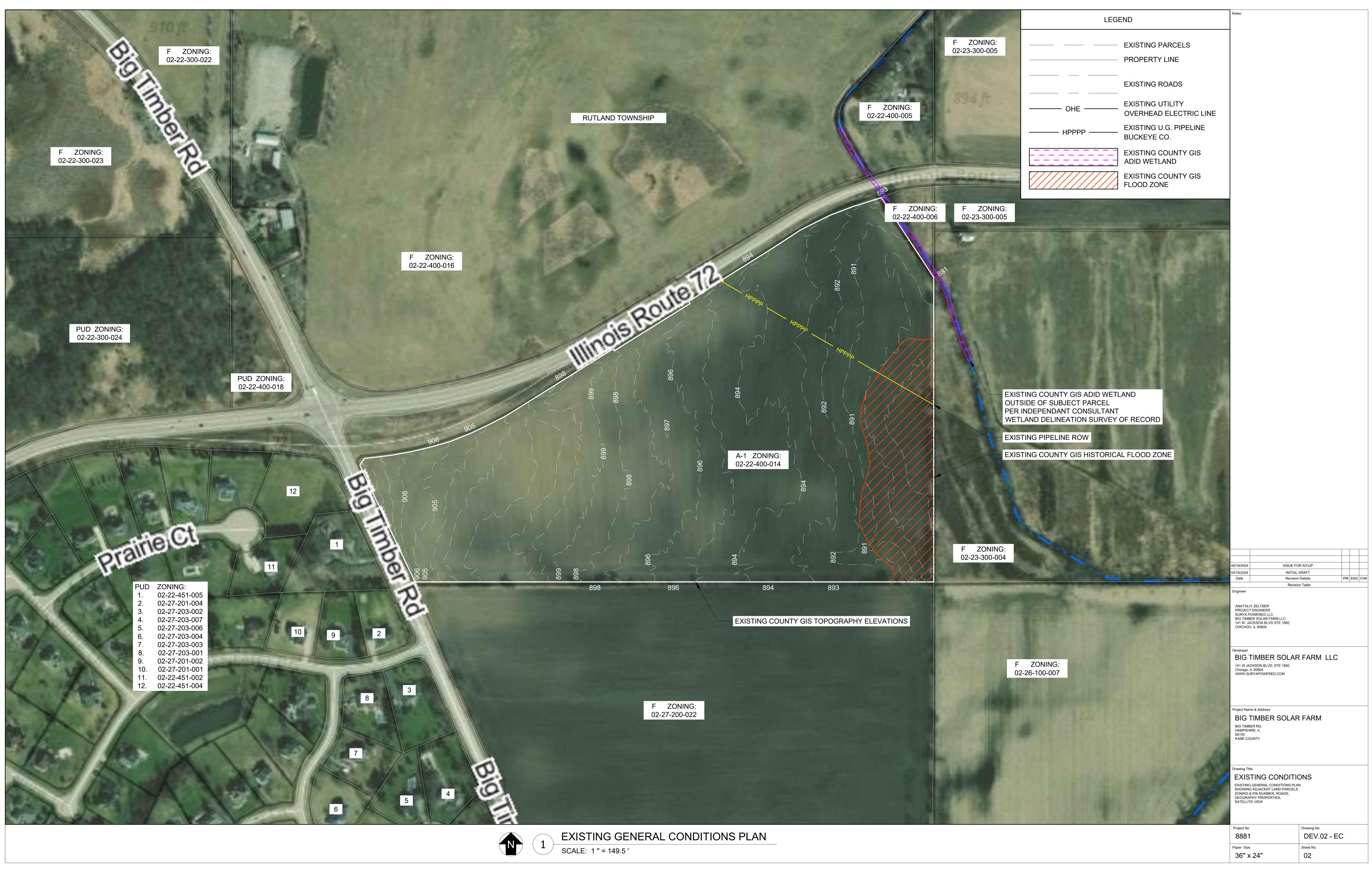


## KANE COUNTY, IL NOT TO SCALE

#### SITE INFORMATION

PARCEL ZONING :	A-1 AGRICULTURE
Р	ROJECT DESCRIPTION
PROJECT LOCATION :	BIG TIMBER RD., HAMPSHIRE, IL 60140
PROJECT PARCEL :	46.47 Acres
P.I.N. :	02-22-400-014
UTILITY :	COMED
AC SYSTEM SIZE :	5,000 KW / 5,000 KVA
DC SYSTEM SIZE :	7,500 KW
AZIMUTH / TILT :	180°/±60
GCR :	40%
MODULE MODEL :	TRINA SOLAR VERTEX 550W TSM-DEG19C20
MODULE WATTAGE :	550 W
MECHANICAL SYSTEM :	HORIZONTAL TRACKER

09/16/2024 04/16/2024 Date		ISSUE FOR S/CUP INITIAL DRAFT Revision Details	PM ENG CHK
			PM ENG CHK
04/16/2024 Date Engineer ANATOLL PROJEC	IY ZELTSER T ENGINEER 'OWERED LLC	INITIAL DRAFT Revision Details	PM ENG CHK
04/16/2024 Date Engineer ANATOLI PROJEC SURYA F BIG TIME 141 W. J/		INITIAL DRAFT Revision Details Revision Table	PM ENG CHK
04/16/2024 Date Engineer ANATOLI PROJEC SURYA F BIG TIME 141 W. J/	T ENGINEER POWERED LLC BER SOLAR FARM L ACKSON BLVD STE	INITIAL DRAFT Revision Details Revision Table	PM ENG CHK
04/16/2024 Date Engineer ANATOLL PROJEC SURYA F BIG TIME 141 W. J/ CHICAGO Developer BIG I Alt W JA Chicago,	T ENGINEER OWERED LLC BER SOLAR FARM I ACKSON BLVD STE D, IL 60604 TIMBER S ACKSON BLVD, STE IL 60604	INITIAL DRAFT Revision Details Revision Table	
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25' SETBACK FROM EXISTING U.G. PIPELINE TO NEW PANELS 60' SETBACK FROM EXISTING U.G. PIPELINE & 10' SETBACK FROM ROW TO APPROXIMATE NEAREST NEW MECHANICAL RACKING STRUCTURE POSTS

EXISTING BUCKEYES UNDERGROUND 12-INCH

HIGH PRESSURE PETROLEUM PRODUCTS PIPELINE & ROW

NEW PERMANENT FENCING WITH 14' WIDE DOUBLE SWING GATE AT EACH CROSSING UNOBSTRUCTING ACCESS TO EXISTING U.G. PIPELINE & COMPANY BUCKEYE ROW

PROPOSED TEMPORARY LIMITED SINGLE (1) LOCATION WHERE CONSTRUCTION EQUIPMENT WILL CROSS EXISTING PIPELINE R.O.W. WITH GRADUAL ELEVATED COVER INCLUDING 12" ROCK TOP STONE (PALLET JACKS, PILE DRIVERS, LIGHT DUTY VEHICLES) REPURPOSED FOR LIGHT COMMERCIAL FUTURE CROSSING O&M PURPOSES UPON PTO

OPTIONAL AS NECESSARY, PER EXISTING PIEPLINE APPROVAL UNOBSTRUCTING ACCESS TO EXISTING U.G. PIPELINE & COMPANY BUCKEYE R.O.W.

OPTIONAL AS NECESSARY, PER EXISTING PIPELINE APROVAL NEW ELECTRICAL DISTRIBUTION RISER POLES AT EACH END OF EXISTING PIPELINE ROW (MIN. 20' A.F.G.) SERVING NORTHEAST PV ARRAY STRING INVERTER 600V CIRCUIT(S) SUPPORTING EXTERIOR WP RATED OVERHEAD CABLES INCLUDING JUNCTION BOXES, OCPD & MEANS OF DISCONNECTS, EPO (TYP.)

DEDICATED AREAS FOR ELECTRICAL SPARE & SPACE CAPACITY SERVING PV LV CIRCUITING, CONTROLS & CABLE MANAGEMENT MATCHING NFPA NEC CODE (TYP.)

RUTLAND TOWNSHIP

930 ft

91

NEW VEGETATION LANDSCAPE SCREENING (15' SETBACK FROM FENCE BOUNDARY) NEW FIXED KNOT FARM 8' FENCE

PROPERTY BOUNDARY

72

EXISTING GIS IL-DOT ROAD AHJ - STATE

EXISTING GIS IL-DOT ROAD AHJ - COUNTY

75' SETBACK FROM EXISTING ROAD ROW CENTERLINE TO NEW FENCE BOUNDARY prairie CL

EXISTING UTILITY T&D OHE POLELINE

NEW PROPOSED POINT OF INTERCONNECTION WITH UTILITY MV kV FEEDER PROVIDED BY COMMONWELATH EDISON

Pidge NEW 20' WIDE PROPOSED ACCESS ROAD the Entropy NEW STORMWATER U.G.D. CULVERT PIPE (AS NECESSARY) ne-NEW 20' WIDE ACCESS DOUBLE SWING GATE

> NEW PATHWAY FOR FIRE DISTRICT ACCESS (WIDTH 20' TYP.)

150' SETBACK FROM OUTSIDE DWELLING OF THE NEAREST RESIDENTIAL PROPERTY

922 ft

HEW LA



21

### NEW POWER FACILITY SITE PLAN

SCALE: 1 " = 149.5 '

50' SETBACK FROM ROAD ROW / FENCE BOUNDARY TO GENERATION SYSTEM

NEW UTILITY RECLOSER POLE

NEW UTILITY PRIMARY METER POLE

NEW UTILITY GOAB POLE

NEW CUSTOMER GOAB & FUSE POLE (POINT OF COMMON COUPLING)

NEW CUSTOMER RISER POLE WITH GROUND ACCESSIBLE MAIN EPO

NEW LED SITE LIGHTING WITH EMERGENCY BACKUP SHEILDED TRIM & FOCUSED DOWNWARD TO BE PROVIDED (TYP.)

NEW UGE-MV FEEDER DUCTBANK

**NEW SOLAR TRANSFORMER-1** PAD MOUNTED

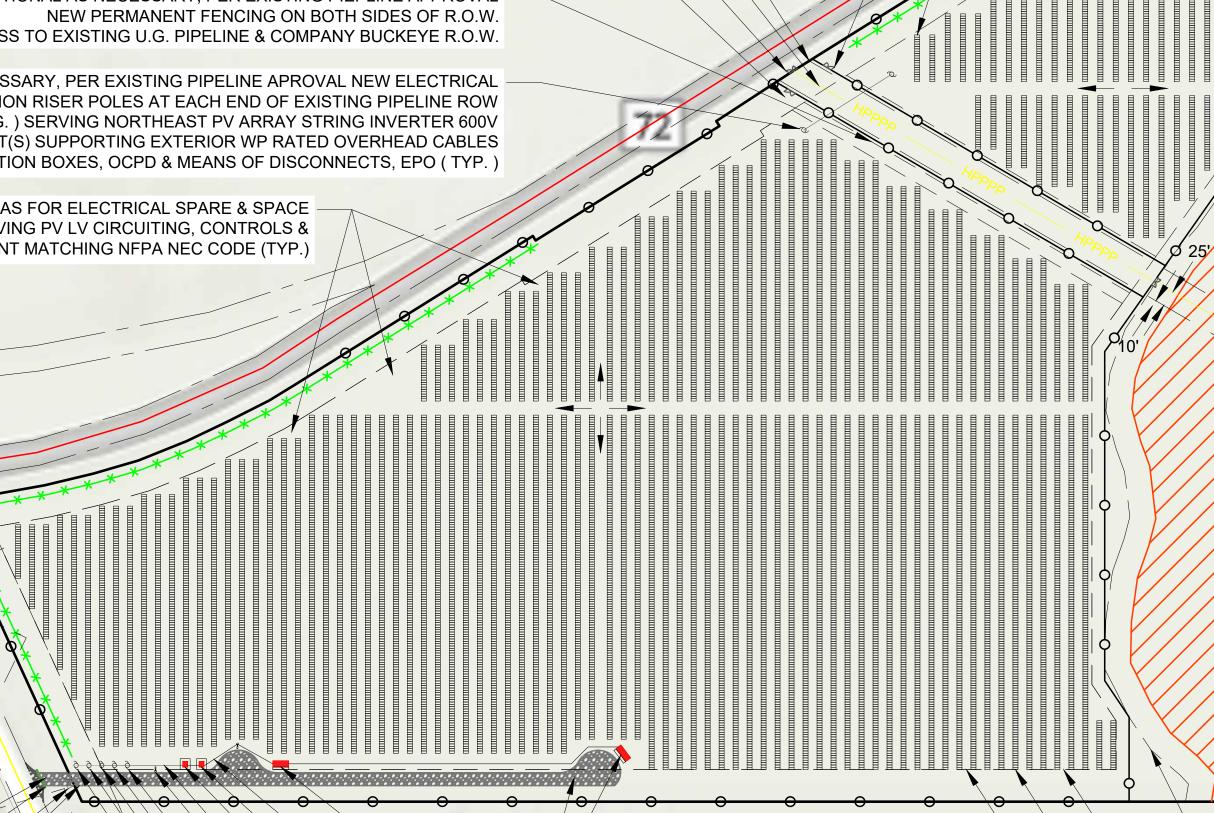
**NEW SOLAR TRANSFORMER-2** PAD MOUNTED

NEW UGE-600V FEEDER CABLES

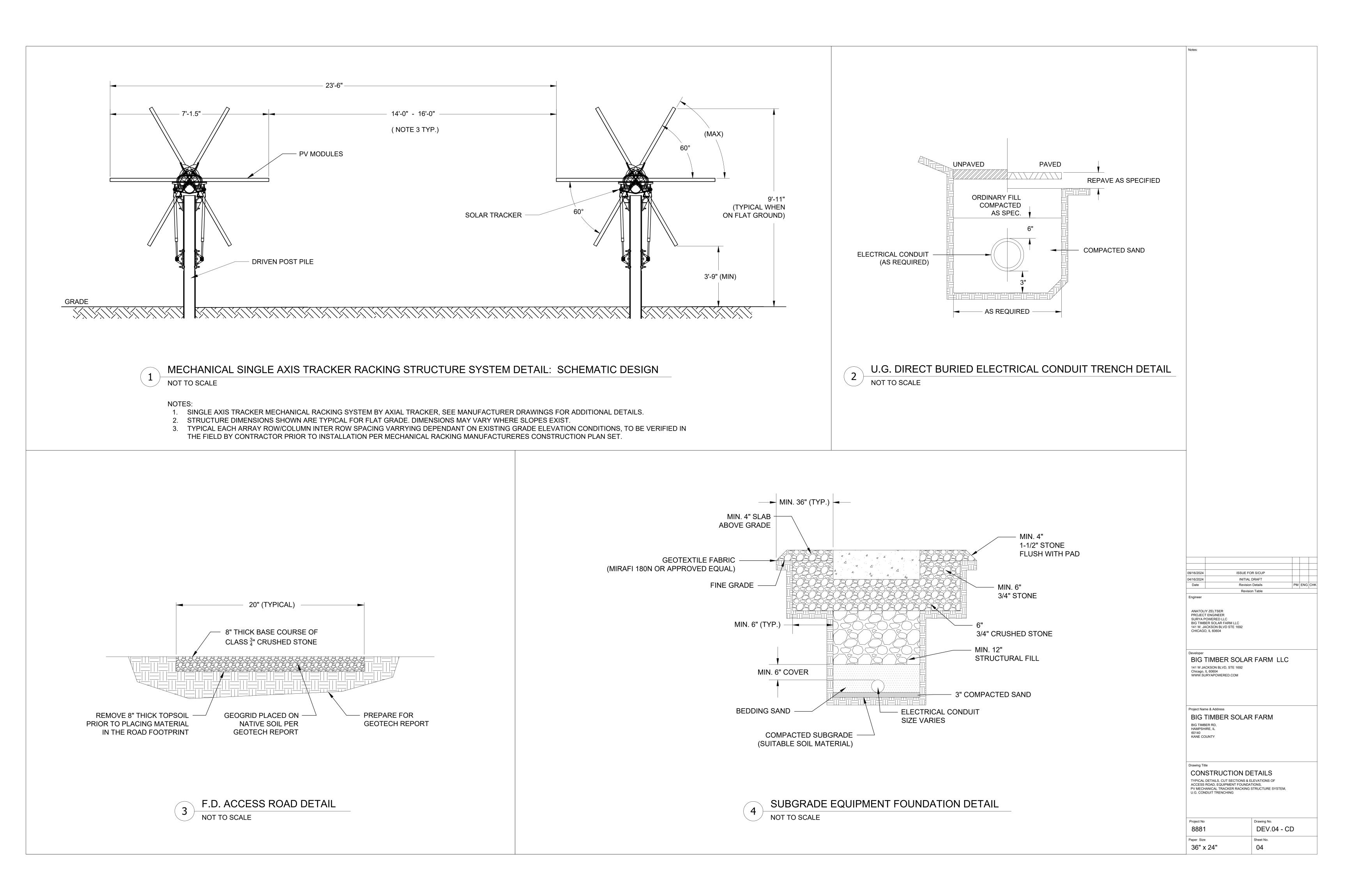
NEW SOLAR AC SWITCHBOARD-1 PAD MOUNTED AND SOLAR INVERTER 1-20

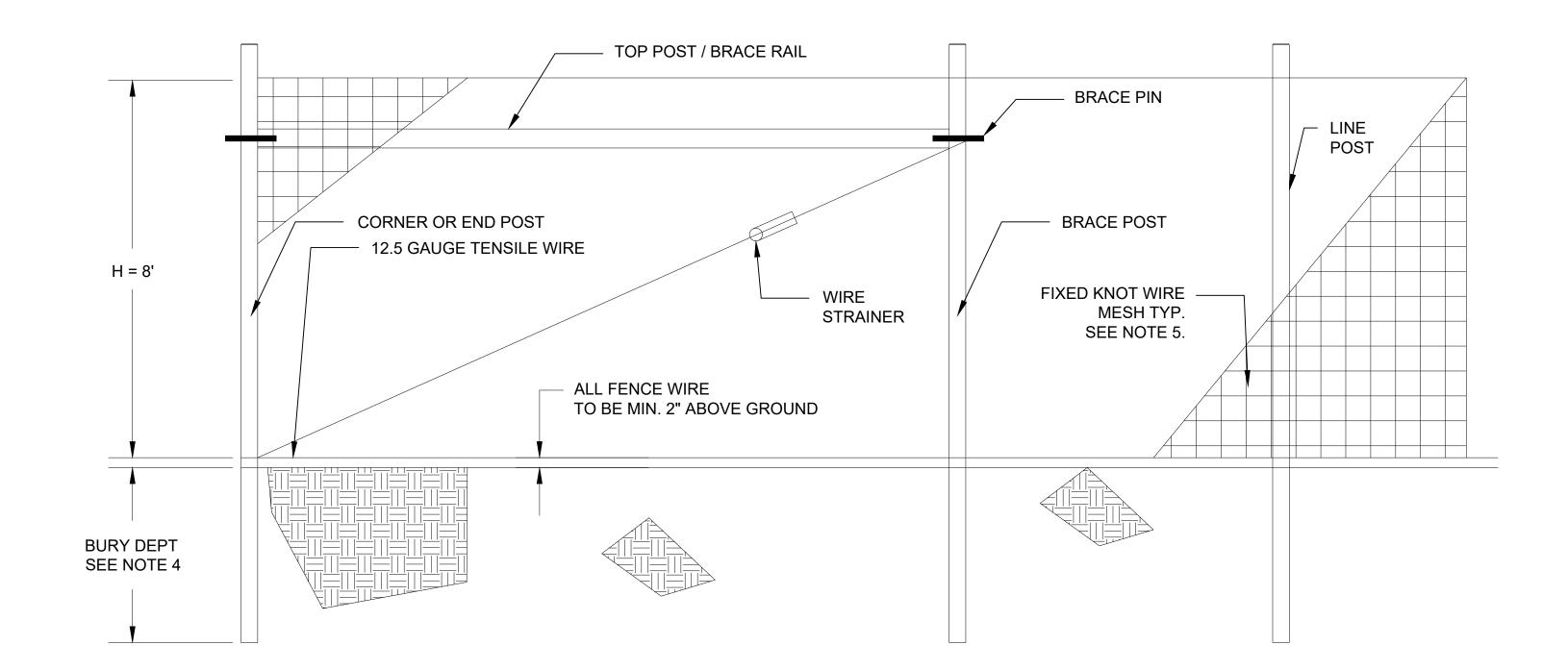
NEW PROPOSED TURNABOUT FOR LOCAL EMERGENCY SERVICE VEHICLES (TYP.)

NEW SOLAR AC SWITCHBOARD-2 PAD MOUNTED AND SOLAR INVERTER 21-40



1 0046	LEGEND			Notes: LEGAL DESCRIPTION OF THE PROJECT SITE IN RELATION TO THE DEVELOPMENT PARCEL SUBMITTED TO KANE COUNTY OF RECORD.
- OPTIONAL AS NECESSARY PER EXISTING PIPELINE APPROVAL NEW 14' WIDE ACCESS DOUBLE SWING GATE AT EACH END		TING PARCELS		WETLAND DELINEATION REPORT MAY IMPACT PV MODULE PANEL ARRAY LOCATION - WETLANDS OR FLOODZONES HAVE BEEN IDENTIFIED ON THE PROJECT SITE.
OF PIPELINE CROSSING R.O.W. (TYP.)		PERTY LINE		EMERGENCY TURNAROUND FOR PROPOSED ACCESS WAY STILL TO BE DETERMINED BY LOCAL EMERGENCY SERVICES.
OPTIONAL AS NECESSARY PER EXISTING PIPELINE APROVAL NEW MODULAR SYSTEM CIRCUIT EXTENSIONS OF				PROPOSED ACCESSWAY IS TO BE FURTHER REVIEWED BY CIVIL ENGINEERS AND LOCAL AHJ. PROPOSED ACCESSWAY MAY CHANGE DUE TO PUBLIC ROW.
'NE' PV ARRAY GROVE	{ AH,	J: STATE - COUN	11Y)	PROPOSED ACCESSWAY GATE MAY BE CHANGED DUE TO PUBLIC ROW. STORMWATER DRAINAGE PLAN PER RUTLAND-PLATO TOWNSHIP
thinois Route 72		TING UTILITY RHEAD ELECTR	IC LINE	DRAINAGE DISTRICT OF RECORD.
OPTIONAL AS NECESSARY		FIXED FARM		EXISTING U.G. PIPELINE ROW NOTES & SPECIFICATIONS: WHEN ANY CONSTRUCTION ACTIVITY IS CONDUCTED IN OR AROUND THE EXISTING U.G. PIPELINE OR RIGHT-OF-WAY, PIPELINE COMPANY
PER EXISTING PIPELINE APROVAL NEW VEGETATION				BUCKEYE'S ON-SITE INSPECTOR MUST BE PRESENT AT ALL TIMES. NO WORK SHALL TAKE PLACE WITHOUT A BUCKEYE ON-SITE INSPECTOR PRESENT. FOR THIS FREE-OF-CHARGE SERVICE, CONTACT LOCAL FIELD OPERATIONS MANAGER AT THE BUCKEYE FACILITY NEAREST TO YOUR
APROVAL NEW VEGETATION SCREENING LANDSCAPING FOR PUBLIC R.O.W.		VEGETATION B		PROPOSED PROJECT. BEFORE ANY PRELIMINARY FIELD WORK OR CONSTRUCTION BEGINS IN THE VICINITY OF BUCKEYE'S PIPELINE, A DETERMINATION OF THE EXACT
	MV FEEL			LOCATION AND ELEVATION OF THE PIPELINE MUST BE MADE. FIELD TAKE OFF OF LOCATION EASEMENT TRACK & DEPTH OF EXISTING U.G. PIPELINE TO BE PROVIDED BY PIPELINE COMPANY BUCKEYE
		TING U.G. PIPEL KEYE CO.	.INE	CONTRACTOR. G.C. SHALL CONTACT AND COORDINATE WITH EXISTING PIPELINE COMPANY CONTRACTOR (BUCKEYE) ON ALL GROUND DISTURBANCES
20' ACCESS PATHWAYS		F.D. SITE ACCE		(PILE DRIVING) WITHIN 1,500' OF EXISTING U.G. PIPELINE & ROW. CONSTRUCTION ACTIVITIES THAT GENERATE GROUND VIBRATIONS, INCLUDING, BUT WITHOUT LIMITATION, PILE DRIVING, SHEET DRIVING, SOIL
(TYP.)			-	COMPACTION WORK, JACKHAMMERING, OR RAMMING, SHALL BE REVIEWED BY BUCKEYE ON A CASE-BY-CASE BASIS. DEEP FOUNDATIONS WHICH INCLUDE PIERS, CAISSONS, DRILLED SHAFTS,
		TING COUNTY O WETLAND	SIS	BORED PILES, AND CAST-IN-SITU PILES LOCATED WITHIN 500 FEET OF THE PIPELINE SHALL BE INSTALLED/DRILLED USING AN AUGER. ANY MODIFICATIONS TO AN EXISTING DRAINAGE PATTERN SHALL BE DESIGNED SUCH THAT THE EROSION OF THE PIPELINE COVER IS
		TING COUNTY O	SIS	ABOVEGROUND CABLES: 1) A MINIMUM OF 20' OF ABOVE-GRADE CLEARANCE FOR A DISTANCE
				<ul> <li>OF 25' ON EACH SIDE OF THE PIPELINE IS REQUIRED.</li> <li>MECHANICAL SUPPORTS AND SERVICE DROPS INCLUDING POLES, TOWERS, GUY WIRES, GROUND RODS, ANCHORS, ETC., ARE NOT PERMITTED WITHIN 25' OF THE PIPELINE.</li> </ul>
	QUANTITIE	ES VALUE	UNIT	<ul> <li>FENCES AND WALLS:</li> <li>A) PRIVACY FENCES OR FENCES THAT PREVENT ACCESS TO THE RIGHT-OF-WAY ARE NOT PERMITTED.</li> </ul>
	ACCESS ROAD FENCE	22,158 6,076	SF LF	<ul> <li>B) ALL OTHER FENCE INSTALLATIONS WITHIN THE RIGHT-OF-WAY WILL BE REVIEWED FOR APPROVAL BY BUCKEYE ON A CASE-BY-CASE</li> <li>BASIS. UPON BUCKEYE'S WRITTEN APPROVAL, FENCES SHALL BE CONSTRUCTED WITH A 14' GATE OR REMOVABLE SECTIONS ACROSS</li> </ul>
	FENCE POSTS DOUBLE SWING GATE	608	EA	THE RIGHT-OF-WAY. C) FENCE POSTS SHALL NOT BE INSTALLED WITHIN 5' OF THE PIPELINE AND MUST BE EQUIDISTANT IF CROSSING THE PIPELINE. D) NO FENCE SHALL CROSS THE RIGHT-OF-WAY AT LESS THAN A
	MODULE	15,828	EA	60-DEGREE ANGLE. E) FENCES THAT RUN PARALLEL TO THE PIPELINE SHALL BE INSTALLED OUTSIDE THE RIGHT-OF-WAY.
	INVERTERS UNDERGROUND UTILITY LINE	<u>40</u> 100	EA LF	ATTACHMENT 1: BUCKEYE FACILITY LOCATIONS & CONTACT NUMBERS
	OVERHEAD UTILITY LINE EQUIPMENT PAD	100 700	LF SF	ARGO (708) 259-1352 LEMONT (WEST SHORE) (888) 625-7310 KANKAKEE (815) 932-3029 HARTFORD (618) 255-1100
	SETBACI	<hr/>		ATTACHMENT 2: RIGHT OF WAY & ENCROACHMENT CONTACTS JANA OLTHOFF - SPECIALIST, RIGHT OF WAY II WEST REGION: NORTHERN & CENTRAL ILLINOIS,
	DESCRIPTION	VALUE	UNIT	(219) 741-0201 5521 WEST LINCOLN HIGHWAY CROWN POINT, IN
	FENCE SETBACK SETBACK FOR SOLAR PANELS,	0	LF	JOLTHOFF@BÚCKEYE.COM ATTACHMENT 3: STATE ONE CALL SYSTEMS (NATIONAL ONE CALL SYSTEM - DIAL 811)
	STRUCTURES, AND ELECTRICA	L 50	LF	ILLINOIS: NON-CHICAGO - JULIE, INC (800) 892-0123
	RESIDENT SETBACK	<u> </u>	LF LF	WWW.ILLINOIS1CALL.COM CHICAGO - DIGGER – UTILITY ALERT NETWORK (800) 744-7000
	IMPERVIOUS QU			WWW.CITYOFCHICAGO.ORG/TRANS
	DESCRIPTION ACCESS ROAD	VALUE	UNIT	-
	EQUIPMENT PADS	22,158 700	SF	-
	FENCE POSTS @ 0.79 SF EACH         TOTA NEW IMPERVIOUS	480.0 23,338	SF SF	-
	PROJECT PARCEL AREA	0.54	AC AC	
	IMPERVIOUS PERCENTAGE	1.15%	%	09/16/2024     ISSUE FOR S/CUP     Image: Constraint of the second secon
				Revision Table
				ANATOLIY ZELTSER PROJECT ENGINEER
EXISTING COUNT OUTSIDE OF SUB	Y GIS ADID WETLAND			SURYA POWERED LLC BIG TIMBER SOLAR FARM LLC 141 W. JACKSON BLVD STE 1692 CHICAGO, IL 60604
PER INDEPENDAN				
	Y GIS HISTORICAL FLOOD ZONE			Developer BIG TIMBER SOLAR FARM LLC 141 W JACKSON BLVD, STE 1692
	0 & FLOOD ZONE BUFFER			141 W JACKSON BLVD, STE 1692 Chicago, IL 60604 WWW.SURYAPOWERED.COM
ED (TYP.)	COVERAGE WITH TYP. 14-16' INTER ROY	N SPACING	/	
E MAIN EPO VARRYING PER G	RADE TOPOGRAPHY, SEE DETAIL 2 / DE GLE AXIS TRACKER RACKING STRUCTU	EV.04-CD FOR		Project Name & Address BIG TIMBER SOLAR FARM
N COUPLING)	L SINGLE-AXIS TRACKER EQUIPMENT			BIG TIMBER RD, HAMPSHIRE, IL 60140
SOLAR ARRAY (T		1		KANE COUNTY
50' SETBACK FRO	M PROPERTY LINE TO NEW PANELS			Drawing Title
	1			SITE PLAN NEW SITE PLAN LAYOUT OF SOLAR FARM EQUIPMENT,
GENERATION SYSTEM	1			INTERNAL ROADS AND SETBACKS
				Project No Drawing No. 8881 DEV.03 - SP
				Paper Size         Sheet No.           36" x 24"         03



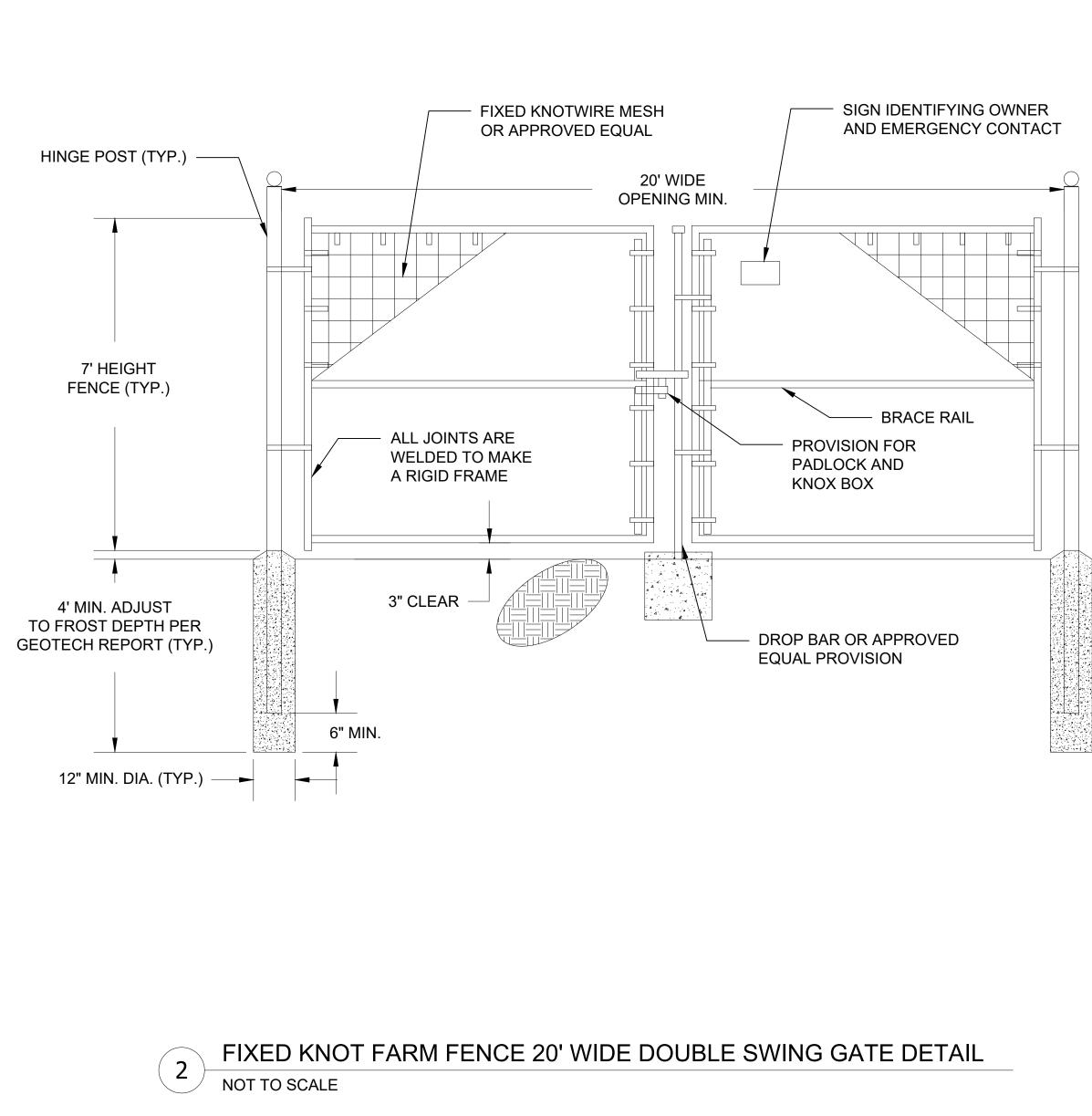


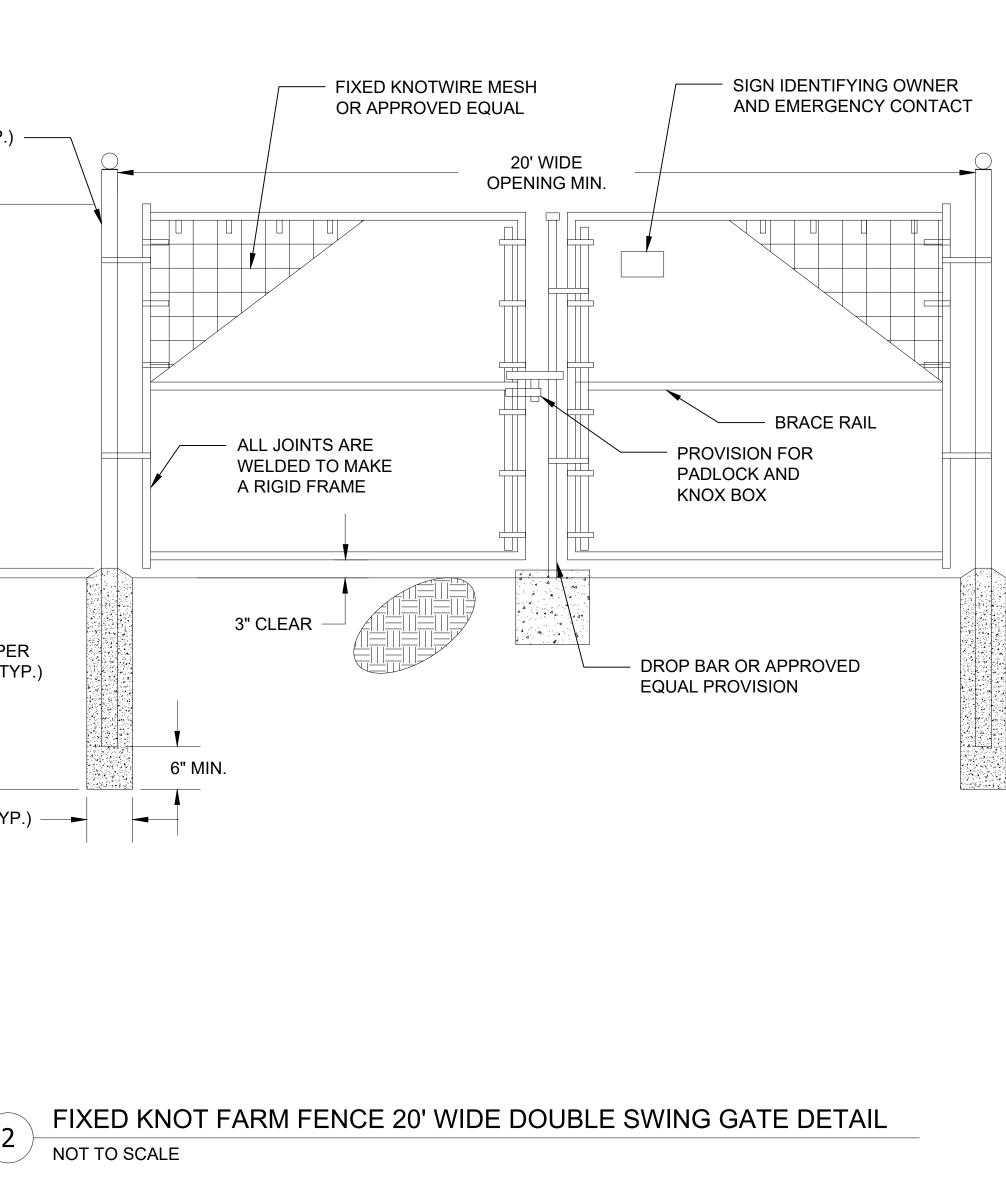
#### FIXED KNOT FARM FENCE DETAIL 1

NOT TO SCALE

#### NOTES:

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





#### NOTES:

- 1. INSTALL ALL FENCING COMPONENTS PER MANUFACTURER'S SPECIFICATIONS.
- 2. ALL FENCING AND HARDWARE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTES.
- IN CONCRETE. UTILIZE HINGE THRU BOLTS TO CONNECT TO TIMBER HINGE POSTS OR LAG SCREWS, PER MANUFACTURERS RECOMMENDATIONS.
- DETAIL.
- 5. BRACING REQUIRED AT FOR ALL GATES. SEE FIXED KNOT FARM FENCE DETAIL.
- VERTICAL SPACING OR APPROVED EQUAL.
- TRUSS RODS MAY BE REQUIRED PER MANUFACTURER'S RECOMMENDATIONS.

3. HINGE POSTS MAY BE TIMBER IF CONTRACTOR DESIRES, TIMBER HINGE POSTS DO NOT NEED TO BE SET

4. IF CONTRACTOR UTILIZES METAL HINGE POST THAN POSTS SHALL BE SET IN CONCRETE AS SHOWN IN

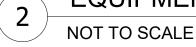
6. FIXED KNOT WIRE MESH TO BE BEKAERT SOLIDLOCK® PRO, 12.5 GUAGE, CLASS 3 GLAVANIZED, 6"

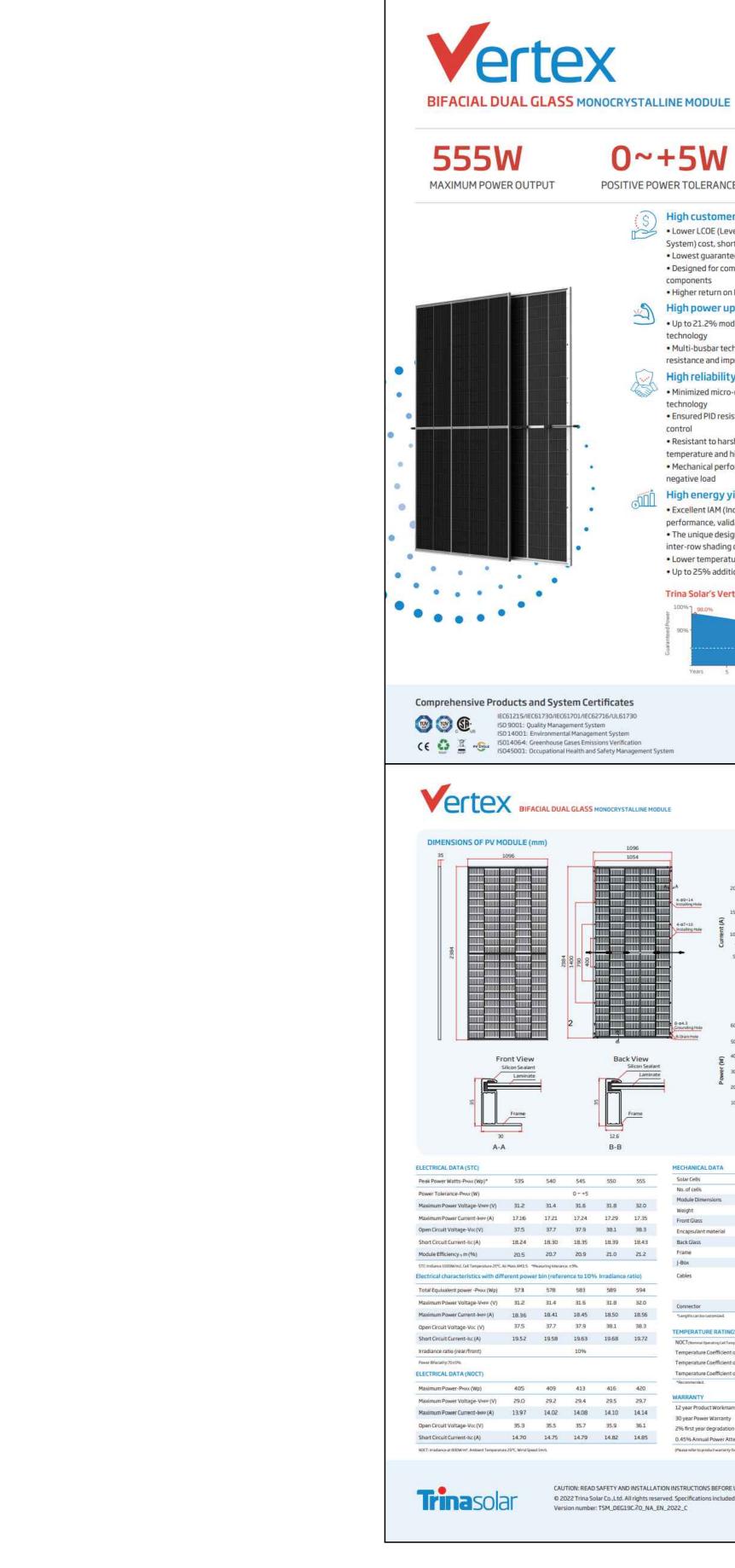
7. BRACE RAIL SHOWN FOR REFERENCE ADDITIONAL BRACE RAILS MAY BE REQUIRED (NOT SHOWN) OR

IS SUBJECT TO	AN IS CONCEPTUAL, PI	AILS TO BE FURTHER REV ILDING PERMIT APPROVAI RELIMINARY SCHEMATIC [	
09/16/2024	ISSUE F	OR S/CUP	
09/16/2024 04/16/2024 Date	INITIA Revisio	OR S/CUP L DRAFT nn Details ion Table	Image:
04/16/2024 Date Engineer	INITIA Revisic Revis	L DRAFT on Details	Image:
04/16/2024 Date Engineer ANATOLIY ZE PROJECT ENG SURYA POWE	INITIA Revisio Revis LTSER GINEER	L DRAFT on Details	PM ENG CH
04/16/2024 Date Engineer ANATOLIY ZE PROJECT ENG SURYA POWE BIG TIMBER S	INITIA Revisic Revis SINEER SINEER SRED LLC OLAR FARM LLC OLAR FARM LLC ON BLVD STE 1692	L DRAFT on Details	PM ENG CH
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04/16/2024 Date Engineer ANATOLIY ZE PROJECT ENC SURYA POWE BIG TIMBER S 141 W. JACKS CHICAGO, IL 6 Developer BIG TIN 141 W JACKSC Chicago, IL 600	INITIA Revisio Revis SINEER SINEER SIRED LLC OLAR FARM LLC ON BLVD STE 1692 S0604	L DRAFT	Image:
04/16/2024 Date Engineer ANATOLIY ZE PROJECT ENG SURYA POWE BIG TIMBER S 141 W. JACKS CHICAGO, IL 60 WWW.SURYA Project Name & 4	INITIA Revisic Revis CRED LLC OLAR FARM LLC ON BLVD STE 1692 30604 <b>MBER SOLA</b> ON BLVD, STE 1692 604 POWERED.COM	L DRAFT on Details ion Table	Image:
04/16/2024 Date Engineer ANATOLIY ZE PROJECT ENG SURYA POWE BIG TIMBER S 141 W. JACKS CHICAGO, IL 60 WWW.SURYA Project Name & 4	INITIA Revisio Revis SINEER SINEER RED LLC OLAR FARM LLC ON BLVD STE 1692 S0604 MBER SOLAI POWERED.COM	L DRAFT on Details ion Table	Image:
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EQUIPMENT SPECIFICATION CUT SHEET DETAIL: STRING INVERTER 125 KWATT (DC)







1 NOT TO SCALE

	Mono Multi Solutions
LINE MODULE	PRODUCT: TSM-DEG19C.20 PRODUCT RANGE: 535-555W
+5W WER TOLERANCE	21.2%
High customer value • Lower LCOE (Levelized Cost System) cost, shorter paybac • Lowest guaranteed first ye • Designed for compatibility of components • Higher return on Investmer High power up to SSSM • Up to 21.2% module efficient technology • Multi-busbar technology for resistance and improved curr High reliability • Minimized micro-cracks with technology • Ensured PID resistance throw control • Resistant to harsh environer temperature and high humid • Mechanical performance up negative load High energy yield • Excellent IAM (Incident Ang- performance, validated by 3r • The unique design provides inter-row shading conditions • Lower temperature coeffici • Up to 25% additional power	t Of Energy), reduced BOS (Balance of ck time ar and annual degradation; with existing mainstream system ant <b>N</b> ency with high density interconnect or better light trapping effect, lower series rent collection the innovative non-destructive cutting bugh cell process and module material ments such as salt, ammonia, sand, high lity areas p to 5400 Pa positive load and 2400 Pa gle Modifier) and low irradiation rd party certifications s optimized energy production under
A 20.0 4-90-14 4-00-14 4-00-14 4-00-14 15.0 8-00W/m <sup>2</sup> 1000W/m <sup>2</sup> 10.0 6-09W/m <sup>2</sup> 10.0 6-09W/m <sup>2</sup> 10.0 6-09W/m <sup>2</sup> 10.0	20 30 40 50 Voltage(V) URVES OF PV MODULE (540W)
Control Cells     Monocry     No. of cells     Module Dimensions     2384+1     Weight     32.3 kg     Front Glass     2.0 mm	1096 × 35 mm (93.86 × 43.15 × 1.36 in) (71.2 lb) (0.08 in), Hyte Transmissen, AP Casted Heat Strangthemet Cleas
Frame     35mm (J)       j-Box     IP 68 rat       Cables     Photovo Portrait: Landsca       Connector     MC4 EVI       "Langthic call be customized       TEMPERATURE RATINCS       NOCT (Income Operation) depending of Physics       Temperature Coefficient of Physics       Temperature Coefficient of Physics       Temperature Coefficient of Isc       0.044	(0.08 in), Heat Strengthened Glass (White Grid Glass)           1.38 in) Anodized Aluminium Alloy           ted           obtaic Technology Cable 4.0mm² (0.006 in²)           ::350/280 mm (13.78/11.02 in)*           D2/154           MAXIMUMRATINGS           (±2*C)         Operational Temperature -40~+85*C           Wo/*C         Maximum System Voltage 1500V DC (IEC)           %b0V DC (UL)         1500V DC (UL)
Pemperature coefficient of X  OUV  Percentende  WARRANTY  12 year Product Workmanship Warranty 30 year Power Warranty 2% first year degradation 0.45% Annual Power Attenuation (Pease reflect warranty for deals)  FION INSTRUCTIONS BEFORE USING THE PR erved. Specifications included in this datash EN_2022_C	PACKAGING CONFIGUREATION Modules per box: 31 pieces Modules per 40' container: 527 pieces
T DETAIL:	PV MODULE &

Notes: