
Village of Beecher

625 Dixie Highway
PO Box 1154
Beecher, Illinois 60401
Phone: 708-946-2261
Fax: 708-946-3764
www.villageofbeecher.org

**President**

Marcy Meyer

Clerk

Janett McCawley

Administrator

Charity Mitchell

Treasurer

Donna Lippelt

Trustees

Todd Kraus
Joe Tieri
Roger Stacey
Erik Gardner
David Weissbohn
Brian Diachenko

**MEETING OF THE BEECHER PLANNING AND ZONING COMMISSION
(THE PZC)**

Thursday, September 26, 2024 at 7:00 p.m.

*Beecher Village Hall
625 Dixie Highway
Beecher, Illinois*

- I. PLEDGE OF ALLEGIANCE
- II. ROLL CALL
- III. CONSIDER APPROVAL OF THE MINUTES OF THE PREVIOUS MEETING
- IV. RECOGNITION OF THE PUBLIC
- V. WORKSHOP: DISCUSSION OF A SPECIAL USE PERMIT REQUEST IN A B-1 HISTORIC DOWNTOWN BUSINESS DISTRICT FOR A TOBACCO AND VAPE SHOP AT 759 W INDIANA AVENUE. The applicant will be present to explain a business plan and answer any questions of the Commission prior to setting the public hearing. Application is enclosed.
- VI. DISCUSSION OF RE-SUBDIVISION OF LOTS 49-51 ON SOMERSET DRIVE IN THE PRAIRIE PARK SUBDIVISION. Developer will be present to explain the request and answer questions of the Commission.
- VII. CONSIDER A RECOMMENDATION TO THE VILLAGE BOARD REGARDING A SPECIAL USE PERMIT APPLICATION TO PERMIT THE CONSTRUCTION OF A COMMUNITY SOLAR GARDEN / COMMERCIAL FACILITY LOCATED ON SOUTH PARK ROAD. THE PROJECT SIZE IS APPROXIMATELY 35.8 ACRES. Since the project is within 1.5 miles of Beecher Village limits, the Village Board can submit a letter of objection or non-objection to be considered by the Will County Land Use Department. The applicant, Wild Cat Solar 4, LLC (New Energy Equity), was unable to attend the meeting on August 22, 2024 when the PZC recommended the Village Board submit a letter of objection. Since this project is still in the application process with Will County Land Use Department, the applicant requested the opportunity to attend this PZC meeting to address any questions or concerns of the PZC. A representative from New Energy Equity will be present answer any questions of the Commission.
- VIII. DISCUSSION OF SURF INTERNET FIBER BUILD. A representative from Surf Internet will be present to answer questions of the Commission.
- IX. OLD BUSINESS
 - a. UPDATE ON REVISION OF ZONING ORDINANCE

X. NEW BUSINESS

XI. ADJOURNMENT - NEXT MEETING SCHEDULED FOR THURSDAY, OCTOBER 24, 2024 AT 7:00PM.

MINUTES OF THE BEECHER PLANNING AND ZONING COMMISSION
(THE PZC)
Thursday, August 22, 2024 at 7:00 p.m.
Beecher Village Hall
625 Dixie Highway

At 7:01 p.m., Chairman George Schuitema called the meeting to order.

All present joined in the pledge to the flag.

ROLL CALL. Members present: Commissioners Eich, Gardner, Heim, Schuitema and Serviss.
Member absent: Commissioner Hearn (arrived at 7:08 p.m.).

Staff present: Secretary Patty Meyer, Administrator Charity Mitchell and Pete Iosue of Teska Associates.

Guests: Village President Marcy Meyer and Trustee Erik Gardner.

CONSIDER APPROVAL OF THE MINUTES OF THE JULY 25, 2024 MEETING. Commissioner Heim made a motion to approve the minutes of the July 25, 2024 PZC meeting as written. Commissioner Eich seconded the motion.

AYES: Commissioners Eich, Gardner, Heim, Schuitema and Serviss.

NAYS: None.

ABSENT: Commissioner Hearn.

Motion carried.

RECOGNITION OF THE PUBLIC. None.

CONSIDER A RECOMMENDATION TO THE VILLAGE BOARD REGARDING A SPECIAL USE PERMIT APPLICATION TO PERMIT THE CONSTRUCTION OF A COMMUNITY SOLAR GARDEN/COMMERCIAL FACILITY LOCATED ON SOUTH PARK ROAD. THE PROJECT SIZE IS APPROXIMATELY 35.8 ACRES. Wild Cat Solar 4, LLC (New Energy Equity) has submitted a special use permit application to the Will County Land Use Department. Since the project is within 1.5 miles of Beecher Village limits, the Village Board can submit a letter of objection or non-objection to be considered by the County Board.

Administrator Mitchell provided a copy of Washington Township's letter of objection to Will County regarding the proposed solar garden/commercial facility located on South Park Road.

Petitioner for the project was not present. Pete Iosue suggested that a Village representative could attend Will County's meeting when this project is discussed and express concerns.

Commissioner Gardner expressed concern of the multiple unsightly poles along the roads for the solar projects, because the contractor doesn't want to pay to bury the wires. He expressed concerns of how the farmland would be restored once the life span of a solar project is over.

Commissioner Hearn arrived at 7:08 p.m.

Commissioner Heim expressed concerns about where the lines for this current proposed project would run. He does not support the proposed project.

Commissioner Eich expressed concerns that future homes in Nantucket Cove could be located very close to the proposed project.

Administrator Mitchell reported that the public hearing for this project has not yet been scheduled at Will County.

Commissioner Heim made a motion authorizing Staff to provide a letter of objection to the project. There is no benefit to the Village. Commissioner Gardner seconded the motion.

AYES: Commissioners Eich, Gardner, Hearn, Heim, Schuitema and Serviss.

NAYS: None.

Motion carried.

REVIEW AND DISCUSS DRAFT OF AMENDED ZONING ORDINANCE.

Pete Iosue is looking for feedback on the provided draft. PZC members were asked to have their comments marked on their draft ordinance for the September 26th meeting, and discussion will occur at that meeting.

Pete Iosue mentioned that he spoke with Administrator Mitchell about lot coverage, accessory uses and other commonly asked questions regarding Building Department matters. Simple and easily understood handouts for residents would be helpful.

OLD BUSINESS- None.

NEW BUSINESS.

Commissioner Schuitema asked President Meyer if there was any update on filling the Commissioner vacancy. She stated that position should be filled by next meeting.

Updates were provided on the new Police Department, Domino's, the craft grow facility on Church Road, the restaurant proposed for former gun shop, Elsie's Place, new ownership at The Gould Vault and the burnout event to be held on August 24th.

Questions were asked about the status of the vacant building on Gould Street. There was nothing new to report.

The next regularly scheduled meeting for the PZC is Thursday, September 26, 2024 at 7:00 p.m.

ADJOURNMENT. Commissioner Serviss made a motion to adjourn the meeting. Commissioner Eich seconded the motion.

AYES: Commissioners Eich, Gardner, Hearn, Heim, Schuitema and Serviss.

NAYS: None.

Motion carried.

Meeting adjourned at 7:32 p.m.

Respectfully submitted,

Patty Meyer
Secretary

Village of Beecher

625 Dixie Highway
PO Box 1154

Beecher, Illinois 60401

Phone: 708-946-2261

Fax: 708-946-3764

www.villageofbeecher.org



President

Marcy Meyer

Clerk

Janett McCawley

Administrator

Charity Mitchell

Treasurer

Donna Rooney

Trustees

Todd Kraus

Joe Tieri

Roger Stacey

Joseph Gianotti

Erik Gardner

David Weissbohn

APPLICATION FOR A SPECIAL USE PERMIT

Date: 8-27-24

Name: Vic REATO

Address: 759 W. INDIANA Av.
Beecher, IL 60401

Phone Number: [REDACTED]

Address of Location Where Special Use Permit is being Requested if Different from Above:

Type of Special Use Permit being Requested:

Vape/Smoke Shop

Section of the Zoning Code Pertaining to this Special Use Permit:

HISTORIC DOWNTOWN DISTRICT

Why Are You Requesting this Special Use Permit?:

PER VILLAGE

The following needs to accompany this application:

✓ A plat of survey of the property which includes the legal description.


N/A A diagram showing the exact location of any improvement to the property which is the subject of this special use permit request.

✓ A photograph or photographs of the property where the special use permit is being requested.

N/A Exact drawings of the improvements being proposed (blueprint, pictures of the improvement from a brochure, sketches.)

N/A non-refundable fee of \$750.00 to the Village of Beecher to pay for legal notices, letters of notification, recording secretary, and staff support.

I hereby attest that the contents of this application is complete and true in fact.

SIGNED: , Petitioner Date: 8-27-24

(For office use only)

Date set for presentation to the Village Board: _____

Date set for PZC Workshop: 9/26/24

Date set for Public Hearing: _____



ZERO NIC

BERRY BURST BANANA TAFFY KIWI SPLASH COCONUT PARADISE GRAPE LUSH

TYSON 7000 PUFFS TYSON 2 FOR \$38

GEEK BAR TYSON

ORION BLACK LURRY SUNSHINE PEACH ICE BLUEBERRY ICE ORANGE ICE CHICAGO COCKTAIL BANANA CAKE BERRY DRAGON FRT BERRY BLACK DRAGON ICE PINEAPPLE ICE STRAWBERRY PINA CLADA ICE LUSH ICE BAMA SLAMMER KIWI SPLASH APPLE CTKNDY MILDBERY BLESS JUICY PEACH

MR FOG

MR FOG

LOST MAP FOREST MINT PEACH MINT WATERMELON MIAMI MINT CHERRY PEACH JUICY PEACH GUMMY SODA CODD MINT SOUR LUSH GUMMY WTRN ICE PYRO DUO SIDED 3000 PUFFS STRAWBERRY BANANA SPEARMINT LIGHT SNOW PEPPERMINT STRAWBERRY BANANA KIWI STRAWBERRY MINT SOUR APPLE

2 FOR \$30 5000 PUFFS

2 FOR \$40 8000 PUFFS





420 GLASS CLEANER

SMOKE ELIMINATOR CANDLE
ONLY \$10 EACH

SMOKE ELIMINATOR CANDLE
ONLY \$10

SMOKE ELIMINATOR CANDLE
ONLY \$10

SMOKE ELIMINATOR CANDLE
ONLY \$10 EACH

STASH CANS

YELLOW BLEACH SOAP
100% WITH EZZOL, 6.5L & 30L

SCALES

TOP & READY



PEAK
1500/200 4.8 & 8
HVC/MSC-P/THC-30/THC-6/
THC-BTHC-N/THC-P/CBN/CBN

PEAK
1500/100 4.8 & 8
THC-P

**DELTA 8
NOID BOMBS**
1200/40 4.8/4.3

**DELTA 8
NOID BOMBS**
1300/50 4.9/CBN/CBN/CBG

FUCHEM SYRUP MELLOW FELLOW
100/50
5.9/CBN/CBG/CBD
300mg 4.9/1.0

MELLOW FELLOW
100/50 4.8

MELLOW FELLOW
200/25 4.8

MELLOW FELLOW
200/25 4.8

KRATOM GUMMIES
300/30
500/50

**SUMMIT
DELTA-9 THC**
100mg TOTAL

**SUMMIT
DELTA-9 THC**
10mg TOTAL

**MELLOW FELLOW
VAN GELDEREN**
4.8/1.0

**MELLOW FELLOW
SWEET PINEAPPLE**
4.8/1.0

**MELLOW FELLOW
SWEET PINEAPPLE**
4.8/1.0

**COOKIES
DELTA 9 THC**
100mg TOTAL

ROSES
100mg TOTAL

**COOKIES
DELTA 9 THC**
100mg TOTAL

**KOI CBD
VAPE JUICE**

KOI CBD VAPE
250 MG 6000 PUFFS

GAME

GAME

MINI
100mg TOTAL

MINI
100mg TOTAL

MINI
100mg TOTAL

MINI
100mg TOTAL

SMOOTH
100mg TOTAL

LEAF
100mg TOTAL

LEAF
100mg TOTAL

LEAF
100mg TOTAL

SWISHER
100mg TOTAL

SWISHER
100mg TOTAL

SWISHER
100mg TOTAL

SWISHER
100mg TOTAL

SWISHER
100mg TOTAL

SWISHER
100mg TOTAL

SWISHER
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

SHOW
100mg TOTAL

ZIG ZAG

DUTCH

WHITE OWL

HEMP WRAPS

STED

HERBAL WRAPS





MELLOW BRICK ROAD CBD CREAM CBD ROLL ON



IRON ON PATCHES \$6.99 PER PATCH DOMINO SET

PHONE
99-9542
AX
99-8797

DAVID A. RING & ASSOCIATES

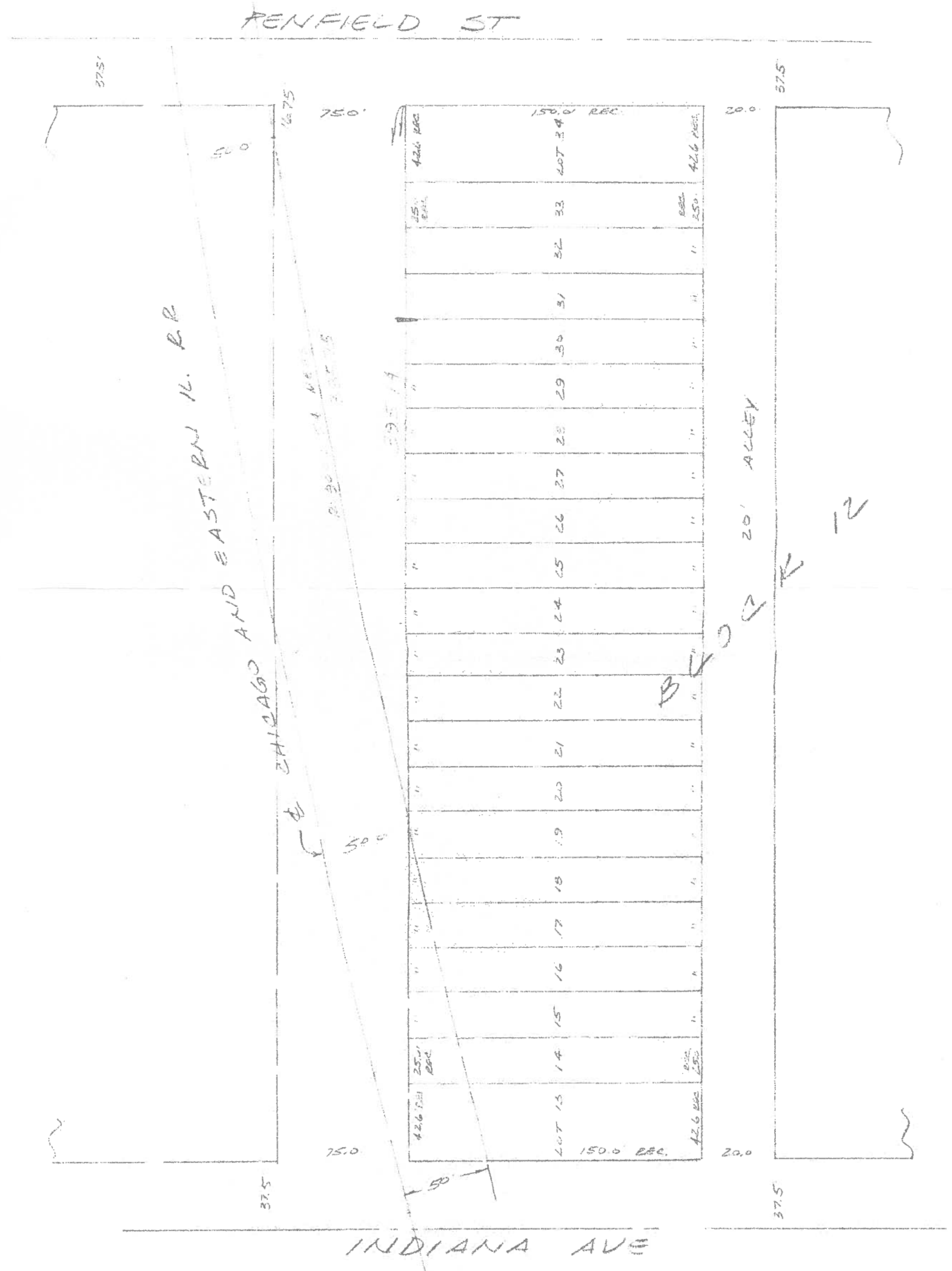
REGISTERED LAND SURVEYORS

17853 DIXIE HIGHWAY
HOMewood, ILLINOIS
60430

S.E. CORNER DIXIE HWY. & PINE ROAD

PLAT OF SURVEY

OF REED STREET AS LOCATED BETWEEN THE EAST LINE OF CHICAGO AND EASTERN ILLINOIS RAILROAD RIGHT OF WAY AND THE WEST LINE OF BLOCK 12 IN THE VILLAGE OF BEECHER, IN THE SOUTHWEST 1/4 OF SECTION 16, TOWNSHIP 33 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, ILLINOIS

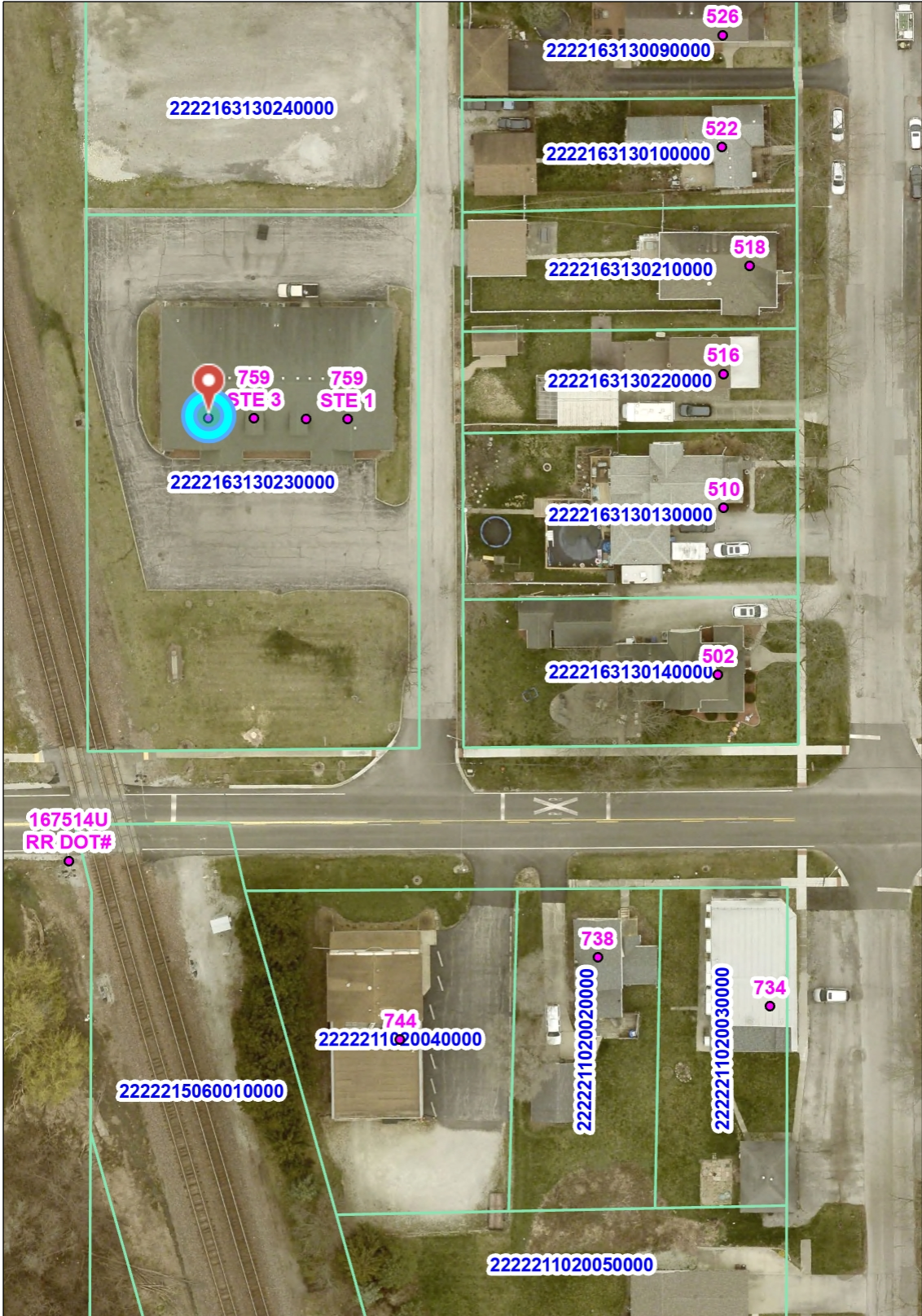
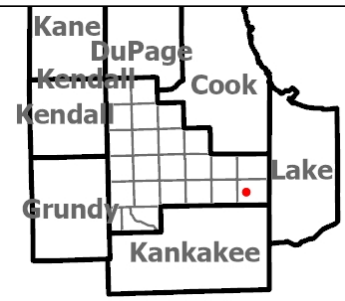


HOMAS J. KNUTH, ATTY.
1" = 60'
9606126



STATE OF ILLINOIS }
COUNTY OF COOK } 56

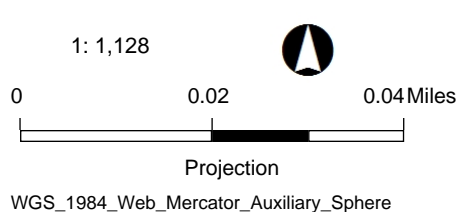
I DO HEREBY CERTIFY THAT I HAVE SURVEYED THE



- Legend**
- Address Points
 - Parcels
 - Townships

Notes

Date: 9/24/2024



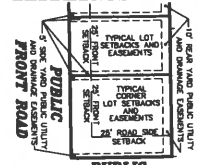
Disclaimer of Warranties and Accuracy of Data: Although the data developed by Will County for its maps, websites, and Geographic Information System has been produced and processed from sources believed to be reliable, no warranty, expressed or implied, is made regarding accuracy, adequacy, completeness, legality, reliability or usefulness of any information. This disclaimer applies to both isolated and aggregate uses of the information. The County and elected officials provide this information on an "as is" basis. All warranties of any kind, express or implied, including but not limited to the implied warranties of merchantability, fitness for a particular purpose, freedom from contamination by computer viruses or hackers and non-infringement of proprietary rights are disclaimed. Changes may be periodically made to the information herein; these changes may or may not be incorporated in any new version of the publication. If you have obtained information from any of the County web pages from a source other than the County pages, be aware that electronic data can be altered subsequent to original distribution. Data can also quickly become out of date. It is recommended that careful attention be paid to the contents of any data, and that the originator of the data or information be contacted with any questions regarding appropriate use. Please direct any questions or issues via email to gis@willcountyillinois.com.

CONCEPT PLAN of

PRAIRIE PARK RE-SUBDIVISION PHASE II

A SUBDIVISION OF LOTS 49 THRU 51 IN PRAIRIE PARK, A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER OF SECTION 9, TOWNSHIP 33 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, RECORDED DECEMBER 13, 2005 AS DOCUMENT NO. R2005-218550, IN WILL COUNTY, ILLINOIS

SETBACK AND TYPICAL EASEMENTS EXHIBIT



UNLESS OTHERWISE SHOWN OR NOTED ON THIS PLAN, EASEMENTS AND SETBACKS FOR ALL UTILITIES ARE TO BE LOCATED AS SHOWN. SEE BEECHER ZONING CODE FOR TYPICAL SIDE AND REAR TYPICAL SETBACKS.

GRAPHIC SCALE

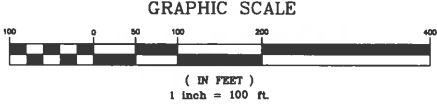


Table with 5 columns: CURVE #, LENGTH, RADIUS, CHORD BEARING, CHORD, DELTA. It lists 19 curves (C1-C19) with their respective measurements.

SURVEYOR'S CERTIFICATE: STATE OF ILLINOIS, COUNTY OF WILL.

THIS IS TO CERTIFY THAT I, MATTHEW D. DUNN, ILLINOIS REGISTERED LAND SURVEYOR NO. 3107, I HAVE SURVEYED AND SUBDIVIDED THE FOLLOWING PROPERTY AS DIRECTED BY THE OWNER:

LOTS 49 THRU 51 IN PRAIRIE PARK, A SUBDIVISION OF PART OF THE SOUTHEAST QUARTER OF SECTION 9, TOWNSHIP 33 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, RECORDED DECEMBER 13, 2005 AS DOCUMENT NO. R2005-218550, IN WILL COUNTY, ILLINOIS.

- 1. LOTS 1 THRU 54 ARE ALL PARTS OF THE EXISTING PRAIRIE PARK SUBDIVISION RECORDED 12-13-2005 AS DOCUMENT NO. R2005-218550. REFER TO THAT PLAN AND ANY CERTIFICATES OF CORRECTION TO THAT SAID PLAN FOR RECORD DATA OF THOSE LOTS.
2. FRONT BUILDING SETBACK FOR ALL RESIDENTIAL LOTS ON THIS PLAN (LOTS 94-99) SHALL BE 25 FEET.
3. 5 FOOT PUBLIC UTILITY & DRAINAGE EASEMENTS ARE HEREBY DEDICATED ALONG THE SIDE YARD LINES AND 10 FOOT PUBLIC UTILITY AND DRAINAGE EASEMENTS ARE HEREBY DEDICATED ALONG THE REAR YARD LINES OF ALL LOTS IN THIS PLAN UNLESS DEPICTED IN ANOTHER MANNER.
4. ALL ROADWAYS SHOWN INCLUDING WATERFORD LANE, PRAIRIE PARK (ASHFORD) BOULEVARD, CLIFTON AVENUE AND SOMERSET DRIVE WERE PREVIOUSLY DEDICATED IN THE ORIGINAL PLAN OF PRAIRIE PARK MENTIONED ABOVE. SAID DEDICATED STREETS REMAIN AS DEDICATED ON SAID PLAN AND SUBSEQUENT CERTIFICATES OF CORRECTION.
5. LOT 94 ON THIS PLAN IS (LOT 71 ON THE ORIGINAL PLAN OF PRAIRIE PARK RECORDED 12-13-2005 AS DOCUMENT NO. R2005-218550) PARTLY LIES WITHIN ZONE A, A SPECIAL FLOOD HAZARD AREA PER FLOOD INSURANCE RATE MAP PANEL NUMBER 171970526E WITH AN EFFECTIVE DATE OF SEPTEMBER 6, 1995 AS PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
6. THE SUBDIVISION IS WITHIN THE LIMITS OF THE VILLAGE OF BEECHER.
7. ALL THE LOT CORNERS AND POINTS OF CURVATURE HAVE BEEN MONUMENTED WITH 1/2" REBAR.
8. ALL DISTANCES ARE SHOWN IN FEET AND DECIMAL PARTS THEREOF.
9. THE ATTACHED PLAN IS A CORRECT REPRESENTATION OF SAID SURVEY AND SUBDIVISION.
10. THE SUBDIVISION PARCELS CONTAINS 40781 SQ.FT. OR 0.94 ACRES MORE OR LESS.
11. P.U.&D.E. = PUBLIC UTILITY AND DRAINAGE EASEMENT
DATED THIS ___ DAY OF ___ A.D. 2024

MATTHEW D. DUNN, ILLINOIS PROFESSIONAL SURVEYOR NO. 3107

OWNER'S AND ENGINEER'S SURFACE WATER DRAINAGE STATEMENT:

I HEREBY DECLARE THAT TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE DRAINAGE OF SURFACE WATERS ON THE SITE DEPICTED BY THIS PLAN WILL NOT BE CHANGED BY CONSTRUCTION OF IMPROVEMENTS OR ANY PART THEREOF OR THAT IF SUCH SURFACE WATER WOULD BE CHANGED, THAT REASONABLE PROVISIONS WERE PREVIOUSLY MADE FOR COLLECTION AND DIVERSION OF SUCH SURFACE WATERS INTO PUBLIC AREAS, OR DRAINS WHICH THE DEVELOPER HAS THE RIGHT TO USE, AND THAT SUCH SURFACE WATERS WERE PREVIOUSLY PLANNED FOR IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES WITH THE DEVELOPMENT OF THE ORIGINAL PRAIRIE PARK SUBDIVISION AND TO REDUCE THE LIKELIHOOD OF DAMAGE TO ADJOINING PROPERTIES DUE TO CONSTRUCTION OF THIS DEVELOPMENT.

OWNER OR ATTORNEY IN FACT: ENGINEER: MATTHEW D. DUNN ILLINOIS P.E. # 35-047326

OWNER'S CERTIFICATE: STATE OF ILLINOIS, COUNTY OF WILL.

THIS IS TO CERTIFY THAT THE UNDERSIGNED IS THE OWNER OF THE LAND DESCRIBED IN THE ATTACHED PLAN AND THAT HE HAS CAUSED THE SAME TO BE SURVEYED, SUBDIVIDED AND PLATTED AS SHOWN BY THE PLAN FOR THE USES AND PURPOSES AS INDICATED THEREON, AND ADOPT THE SAME UNDER THE STYLE AND TITLE THEREON INDICATED.

SCHOOL DISTRICT DECLARATION: THE OWNER UNDERSTANDS AND CERTIFIES THAT THE PROPERTY DEPICTED IN THIS PLAN LIES WITHIN THE FOLLOWING SCHOOL DISTRICTS: ELEMENTARY SCHOOL DISTRICT: 200U, BEECHER ELEMENTARY HIGH SCHOOL DISTRICT: 200U, BEECHER HIGH SCHOOL, COMMUNITY COLLEGE DISTRICT: 515, PRAIRIE STATE COMMUNITY COLLEGE

DATED THIS ___ DAY OF ___ A.D. 2024.

OWNER: ADDRESS:

NOTARY PUBLIC CERTIFICATE: STATE OF ILLINOIS, COUNTY OF WILL.

I, NOTARY PUBLIC IN AND FOR THE COUNTY AFORESAID, DO HEREBY CERTIFY THAT ___ IS PERSONALLY KNOWN TO ME TO BE THE SAME PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING CERTIFICATE, APPEARED BEFORE ME THIS DAY IN PERSON AND ACKNOWLEDGED THE EXECUTION OF THE ANNEXED PLAN AND ACCOMPANYING INSTRUMENTS FOR THE USES AND PURPOSES THEREIN SET FORTH AS HIS FREE AND VOLUNTARY ACT.

NOTARY PUBLIC:

RECORDER'S CERTIFICATE: STATE OF ILLINOIS, COUNTY OF WILL.

THIS INSTRUMENT NO. ___ WAS FILED FOR RECORD IN THE RECORDER'S OFFICE OF WILL COUNTY AFORESAID ON THIS ___ DAY OF ___ A.D. 2024 AT ___ O'CLOCK AND RECORDED IN BOOK OF PLATS ON PAGE ___

WILL COUNTY RECORDER: COUNTY CLERK'S CERTIFICATE: STATE OF ILLINOIS, COUNTY OF WILL.

THIS IS TO CERTIFY THAT I FIND NO DELINQUENT OR UNPAID CURRENT TAXES AGAINST ANY OF THE REAL ESTATE DESCRIBED IN THE FOREGOING CERTIFICATES. DATED THIS ___ DAY OF ___ A.D. 2024

WILL COUNTY CLERK:

TAX MAPPING CERTIFICATE: STATE OF ILLINOIS, COUNTY OF WILL.

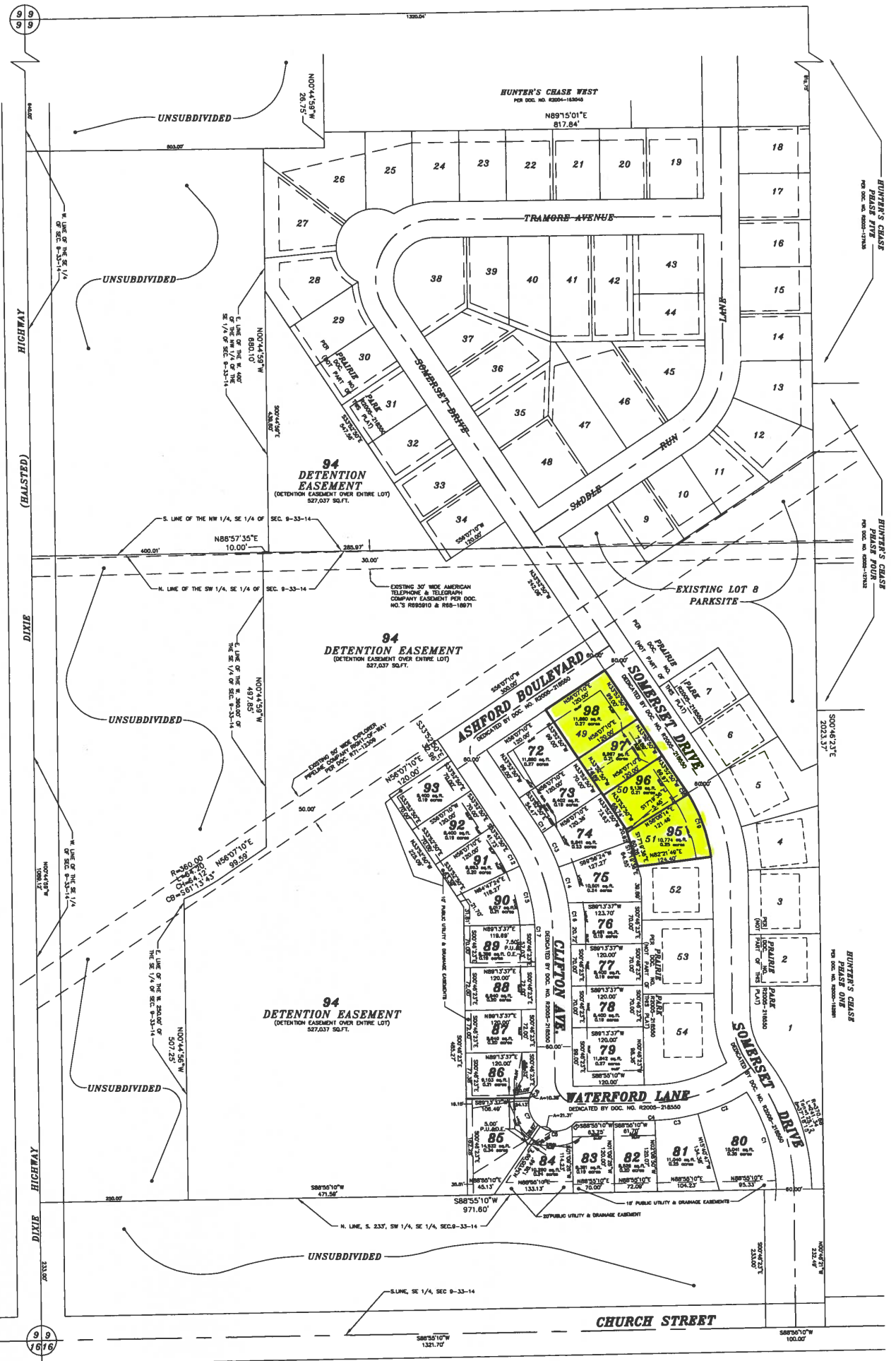
I, DIRECTOR OF THE TAX MAPPING AND PLATTING OFFICE DO HEREBY CERTIFY THAT I HAVE CHECKED THE PROPERTY DESCRIPTION ON THIS PLAN AGAINST AVAILABLE COUNTY RECORDS AND FIND SAID DESCRIPTION TO BE TRUE AND CORRECT. THE PROPERTY HEREIN DESCRIBED IS LOCATED ON TAX MAP #22-090-W AND IDENTIFIED AS PERMANENT REAL ESTATE TAX INDEX NUMBERS (PIN): 22-22-09-417-0000 22-22-09-417-008-0000 22-22-09-417-009-0000

DIRECTOR:

BEECHER PLAN COMMISSION: STATE OF ILLINOIS, COUNTY OF WILL.

APPROVED BY THE BEECHER PLAN COMMISSION THIS ___ DAY OF ___ A.D. 2024

CHAIRPERSON: SECRETARY:



BEECHER VILLAGE BOARD OF TRUSTEES: STATE OF ILLINOIS, COUNTY OF WILL.

APPROVED BY THE VILLAGE BOARD OF THE VILLAGE OF BEECHER, WILL COUNTY, ILLINOIS DATED AT ___ ILLINOIS, THIS ___ DAY OF ___ A.D. 2024

MAYOR: CLERK:

EASEMENT PROVISIONS:

EASEMENTS FOR SERVING THE SUBDIVISION AND OTHER PROPERTY WITH ELECTRIC AND COMMUNICATIONS SERVICE IS HEREBY RESERVED FOR AND GRANTED TO: EXELON CORPORATION (COMMONWEALTH EDISON), NICOR GAS CORPORATION AND AMERITECH CORPORATION (AT&T) OR THE VILLAGE OF BEECHER DESIGNATED COMMUNICATIONS AND DATA TRANSMISSIONS SUPPLIER

THEIR RESPECTIVE SUCCESSORS OR ASSIGNS, JOINTLY AND SEVERALLY, TO INSTALL, OPERATE, MAINTAIN AND REMOVE FROM TIME TO TIME, FACILITIES USED IN CONNECTION WITH OVERHEAD AND UNDERGROUND TRANSMISSION AND DISTRIBUTION OF GAS, FUEL, ELECTRICITY AND SIGNALS IN, OVER, UNDER, ACROSS, ALONG AND UPON THE SURFACE OF THE PROPERTY SHOWN WITHIN THE DASHED LINES ON THE ATTACHED PLAN OR IN AREAS DESCRIBED OR DEPICTED AS PUBLIC UTILITY EASEMENTS (P.U.&D.E.), (PLEASE REFER TO RECORD PLAN OF PRAIRIE PARK SUBDIVISION FOR FURTHER GRANT OF EASEMENT IN PREVIOUSLY DEDICATED PUBLIC ROAD RIGHT-OF-WAYS) TOGETHER WITH THE RIGHT TO INSTALL, REQUIRED SERVICE CONNECTIONS OVER OR UNDER THE SURFACE OF EACH LOT AND COMMON AREA OR AREAS TO SERVE IMPROVEMENTS THEREON OR ON ADJACENT LOTS THE RIGHT TO CUT, TRIM OR REMOVE TREES, BUSHES AND ROOTS AS MAY BE REASONABLY REQUIRED INCIDENT TO THE RIGHTS HEREIN GIVEN AND THE RIGHT TO ENTER UPON THE SUBDIVIDED PROPERTY FOR ALL SUCH PURPOSES. OBSTRUCTIONS SHALL NOT BE PLACED OVER GRANTEES' FACILITIES OR IN, UPON OR OVER THE PROPERTY WITHIN THE DASHED LINES MARKED 'EASEMENT' OR AS DESCRIBED AND GRANTED AS SUCH IN THE SURVEYOR'S CERTIFICATE WITHOUT THE PRIOR WRITTEN CONSENT OF GRANTEES. NO BUILDING OR OTHER STRUCTURES SHALL BE CONSTRUCTED OR ERRECTED IN ANY EASEMENT AREA WITHOUT THE PRIOR WRITTEN CONSENT OF THE GRANTEE.

AN EASEMENT FOR SERVING THE SUBDIVISION AND OTHER PROPERTY WITH CABLE TELEVISION AND OTHER COMMUNICATIONS (INTERNET) SERVICE IS HEREBY GRANTED TO AMERITECH (AT&T) OR THE VILLAGE OF BEECHER DESIGNATED PROVIDER OF SAID SERVICES. THEIR SUCCESSORS AND ASSIGNS, TO INSTALL, OPERATE, MAINTAIN AND REMOVE FROM TIME TO TIME FACILITIES USED IN CONNECTION WITH OVERHEAD AND UNDERGROUND TRANSMISSIONS AND DISTRIBUTIONS OF CABLE TV AND OTHER COMMUNICATIONS SIGNALS IN ALL PLATTED EASEMENT AREAS MENTIONED ABOVE TOGETHER WITH THE RIGHT TO INSTALL, REQUIRED SERVICE CONNECTION OVER OR UNDER EACH LOT TO SERVE IMPROVEMENTS THEREON. NO BUILDING OR OTHER STRUCTURES SHALL BE CONSTRUCTED OR ERRECTED IN ANY EASEMENT AREA WITHOUT THE PRIOR WRITTEN CONSENT OF THE GRANTEE.

AN EASEMENT IS HEREBY GRANTED TO NICOR GAS COMPANY, ITS SUCCESSORS AND ASSIGNS ("NICOR") TO INSTALL, OPERATE, MAINTAIN, REPAIR AND REMOVE FACILITIES USED IN CONNECTION WITH THE TRANSMISSION AND DISTRIBUTION OF NATURAL GAS IN, OVER, ON, UNDER, ACROSS, ALONG AND UPON THE SURFACE OF THE PROPERTY SHOWN OR DESCRIBED ON THIS PLAN AS A UTILITY EASEMENT (AGAN, PLEASE REFER TO RECORD PLAN OF PRAIRIE PARK SUBDIVISION FOR FURTHER GRANT OF EASEMENT IN PREVIOUSLY DEDICATED PUBLIC ROAD RIGHT-OF-WAYS) TOGETHER WITH THE RIGHT TO INSTALL, REQUIRED SERVICE CONNECTIONS OVER OR UNDER THE SURFACE OF EACH LOT TO SERVE IMPROVEMENTS THEREON, OR ON ADJACENT LOTS OR OTHER PROPERTY ADJACENT OR OTHERWISE, AND THE RIGHT TO REMOVE OBSTRUCTIONS, INCLUDING BUT NOT LIMITED TO, TREES, BUSHES, ROOTS, AND FENCES, AS MAY BE REASONABLY REQUIRED INCIDENT TO THE RIGHTS HEREIN GIVEN, AND THE RIGHT TO ENTER UPON THE PROPERTY FOR ALL SUCH PURPOSES. OBSTRUCTIONS SHALL NOT BE PLACED OVER NICOR'S FACILITIES OR IN, UPON, OR OVER THE PROPERTY IDENTIFIED ON THIS PLAN FOR UTILITY PURPOSES WITHOUT THE PRIOR WRITTEN CONSENT OF NICOR. AFTER INSTALLATION OF ANY SUCH FACILITIES, THE GRADE OF THE PROPERTY SHALL NOT BE ALTERED IN A MANNER SO AS TO INTERFERE WITH THE PROPER OPERATION AND MAINTENANCE THEREOF.

HOMEOWNERS ASSOCIATION AND VILLAGE EASEMENTS:

ALL EASEMENTS DESCRIBED OR DEPICTED AS PUBLIC UTILITY AND/OR DRAINAGE EASEMENTS (P.U.&D.E. OR P.U.E.) ON THIS PLAN ARE HEREBY GRANTED TO THE HOME OWNERS ASSOCIATION THAT SHALL RESULT FROM THIS DEVELOPMENT FOR THE PURPOSE OF GROUND SURFACE MAINTENANCE AND THE PERPETUATION OF PROPER SURFACE DRAINAGE. PLEASE REFER TO COVENANTS ASSOCIATED WITH THIS PLAN FOR MORE INFORMATION ON THE CREATION AND REQUIREMENTS OF THE HOMEOWNERS ASSOCIATION.

ALL EASEMENTS DESCRIBED OR DEPICTED AS PUBLIC UTILITY AND/OR DRAINAGE EASEMENTS (P.U.&D.E. OR P.U.E.) ON THIS PLAN ARE HEREBY GRANTED TO THE VILLAGE OF BEECHER FOR THE PURPOSE OF MAINTENANCE REPAIR AND PERIODIC REPLACEMENT AS NEEDED OF VILLAGE PUBLIC UTILITIES AND FOR THE VILLAGE TO ENSURE THAT SURFACE DRAINAGE IS PROPERLY MAINTAINED AND ADMINISTERED BY THE HOMEOWNERS ASSOCIATION. IF THE VILLAGE FINDS THAT THE HOMEOWNERS ASSOCIATION IS NOT ATTENDING TO PROPER DRAINAGE MAINTENANCE, THEY MAY INFORM SAID HOMEOWNERS ASSOCIATION AND INDIVIDUAL HOMEOWNERS WHERE THE ISSUE RESIDES AND GIVE NOTICE THAT THE ISSUE MUST BE RESOLVED IN NOT LESS THAN 10 DAYS BEFORE THE VILLAGE CAN RESOLVE SAID ISSUE AT THE EXPENSE OF THE HOMEOWNERS ASSOCIATION PLUS 10% IN THE EVENT THAT AN INDIVIDUAL OWNER OR THE HOMEOWNERS ASSOCIATION DO NOT RESOLVE THE ISSUE TO PREVENT DAMAGE TO OTHER PROPERTIES IN OR OUTSIDE THE DEVELOPMENT, THE VILLAGE MAY TAKE ACTION NECESSARY TO RESOLVE THE ISSUE AND MAKE THE HOMEOWNERS ASSOCIATION COVER THE COST PLUS 10% AS THE VILLAGE SEES FIT. PLEASE SEE THE ASSOCIATED SUBDIVISION COVENANTS FOR MORE EXPLANATION.

HOMEOWNERS ASSOCIATION DETENTION AREA AND VILLAGE DETENTION EASEMENT:

THE LOT 94 DETENTION EASEMENTS WERE CREATED WITH THE DEVELOPMENT OF THIS PROPERTY TO PROTECT THIS DEVELOPMENT AND SURROUNDING AREAS FROM DAMAGE AS A RESULT OF EXCESS RAINFALL IN THE AREA. THE EASEMENTS AS SHOWN ON LOT 94 ARE PREVIOUSLY AND HERETOFORE RESERVED FOR AND GRANTED TO THE VILLAGE OF BEECHER, THEIR SUCCESSORS AND ASSIGNS.

THE LOT 94 AREA SHALL BE DEEDED TO THE HOMEOWNERS ASSOCIATION THAT RESULTS FROM THIS DEVELOPMENT ONCE SAID ASSOCIATION IS CREATED. LAWN CARE AND PROPER GRADE MAINTENANCE OF ALL PONDS IN THIS DETENTION AREA SHALL BE THE RESPONSIBILITY OF SAID HOMEOWNERS ASSOCIATION. NO BUILDINGS SHALL BE PLACED ON SAID LOT 94 BUT THE SAME MAY BE USED FOR OTHER PURPOSES THAT DO NOT ADVERSELY EFFECT THE STORAGE/FREE FLOW OF STORMWATER. SAID ASSOCIATION SHALL BE RESPONSIBLE FOR MAINTAINING THE DETENTION AREA AND THE ASSOCIATION OR ITS MEMBERS MAY NOT DESTROY OR MODIFY THE GRADES OR SLOPES WITHOUT HAVING FIRST RECEIVED PRIOR WRITTEN APPROVAL OF THE TOWNSHIP OF WASHINGTON / THE COUNTY OF WILL, OR ANY OTHER UNIT OF GOVERNMENT HAVING JURISDICTION OVER DRAINAGE.

IN THE EVENT THAT THE SAID ASSOCIATION OR ITS MEMBERS FAILS TO PROPERLY MAINTAIN THE WATER DETENTION AREA/EASEMENT, THE VILLAGE OF BEECHER OR ANY OTHER UNIT OF GOVERNMENT HAVING JURISDICTION OVER DRAINAGE SHALL UPON TEN (10) DAYS PRIOR WRITTEN NOTICE, RESERVE THE RIGHT TO PERFORM, OR HAVE PERFORMED ON ITS BEHALF, ANY MAINTENANCE WORK TO OR UPON THE WATER DETENTION AREA/EASEMENT REASONABLY NECESSARY TO INSURE ADEQUATE STORMWATER STORAGE AND FREE FLOW OF STORMWATER THROUGH THE DETENTION EASEMENT AREA.

IN THE EVENT THE VILLAGE OF BEECHER OR ANY OTHER UNIT OF LOCAL GOVERNMENT HAVING JURISDICTION OVER DRAINAGE, SHALL BE REQUIRED TO PERFORM, OR HAVE PERFORMED ON ITS BEHALF, ANY MAINTENANCE WORK TO OR UPON THE WATER DETENTION AREA/EASEMENT, THE COST TOGETHER WITH AN ADDITIONAL SUM OF TEN PERCENT (10%) OF THE COST OF COMPLETION OF THE WORK CONSTITUTES A LEIN AGAINST THE SAID HOMEOWNERS ASSOCIATION OR AGAINST ALL THE HOMEOWNERS IN AS DEPICTED IN THIS DEVELOPMENT AS SAID VILLAGE OR UNIT SEES FIT IN ORDER TO COLLECT. THE LEIN MAY BE FORECLOSED BY ANY ACTION BROUGHT BY OR ON BEHALF OF THE VILLAGE OR OTHER UNIT OF GOVERNMENT.

SHEET 1 OF 1

PREPARED BY AND PLEASE RESERVE A RECORD COPY FOR:

LINCOLNWAY ENGINEERING AND LAND SURVEYING LTD. LAND SURVEYING - PLANNING ENGINEERING - PERMITS LAND DEVELOPMENT SCIENCES AND CONSULTING

846 REGENT STREET, NEW LENOX, IL 60451 PHONE (630)301-1325

PRAIRIE PARK TOWNHOME ASSOCIATION

P.O. Box 522, Beecher, IL 60401

September 13, 2024

Ms. Charity Mitchell
Village Administrator
cmitchell@villageofbeecher.org

Dear Ms. Mitchell,

It has come to the attention of the Prairie Park Townhome Association Board (HOA) that there may be a desire from the Developer, Castletown Homes, to build single family homes on lots within the jurisdiction of the HOA. These lots are located on the west side of Somerset Drive immediately south of Ashford Blvd in the Prairie Park Subdivision and they are currently designated and/or zoned for townhome structures (lots 49, 50 and 51).

It is worth noting that this has only come to the HOA's attention through general word of mouth/hearsay. The HOA is unaware of any formal request from the Developer to change the status of these lots. Nevertheless, please be advised that the HOA is not in agreement with any such change at this time.

Should you have any questions or require any additional information, please feel free to contact Peggy Boccia at [REDACTED].

In the interim, we thank you for your time and attention to this matter.

Sincerely,

Steve Napierkowski

Steve Napierkowski
President

Nancy Boley

Nancy Boley
Secretary

Peggy Boccia

Peggy Boccia
Treasurer

SICILIANO COMMUNITY SOLAR GARDEN

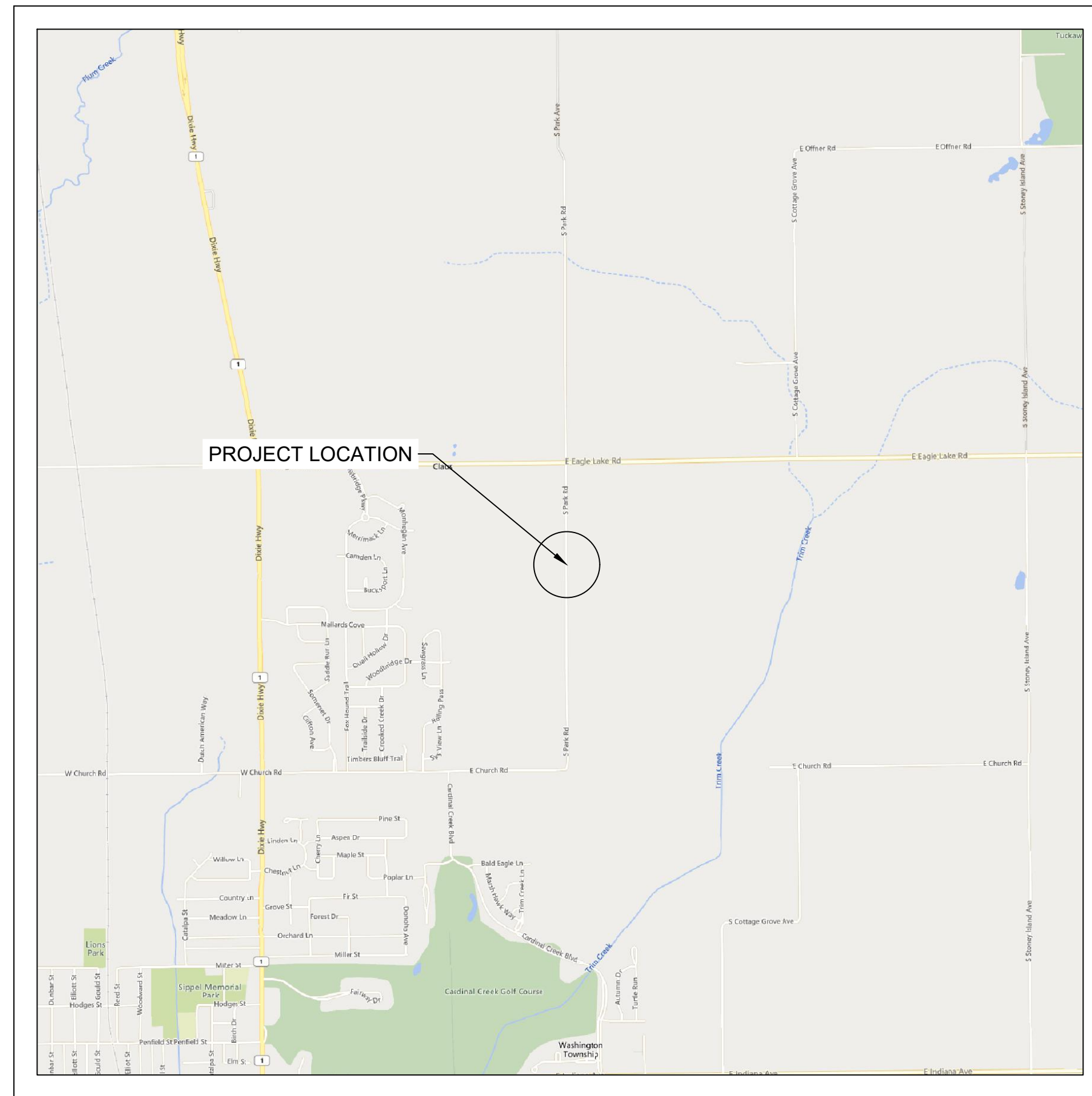


PROJECT ENTITY: WILD CAT SOLAR 4 LLC - SICILIANO

NEW ENERGY EQUITY, LLC
2530 RIVA ROAD, SUITE 200
ANNAPOLIS, MD 21041
NEWENERGYEQUITY.COM
443-267-5012

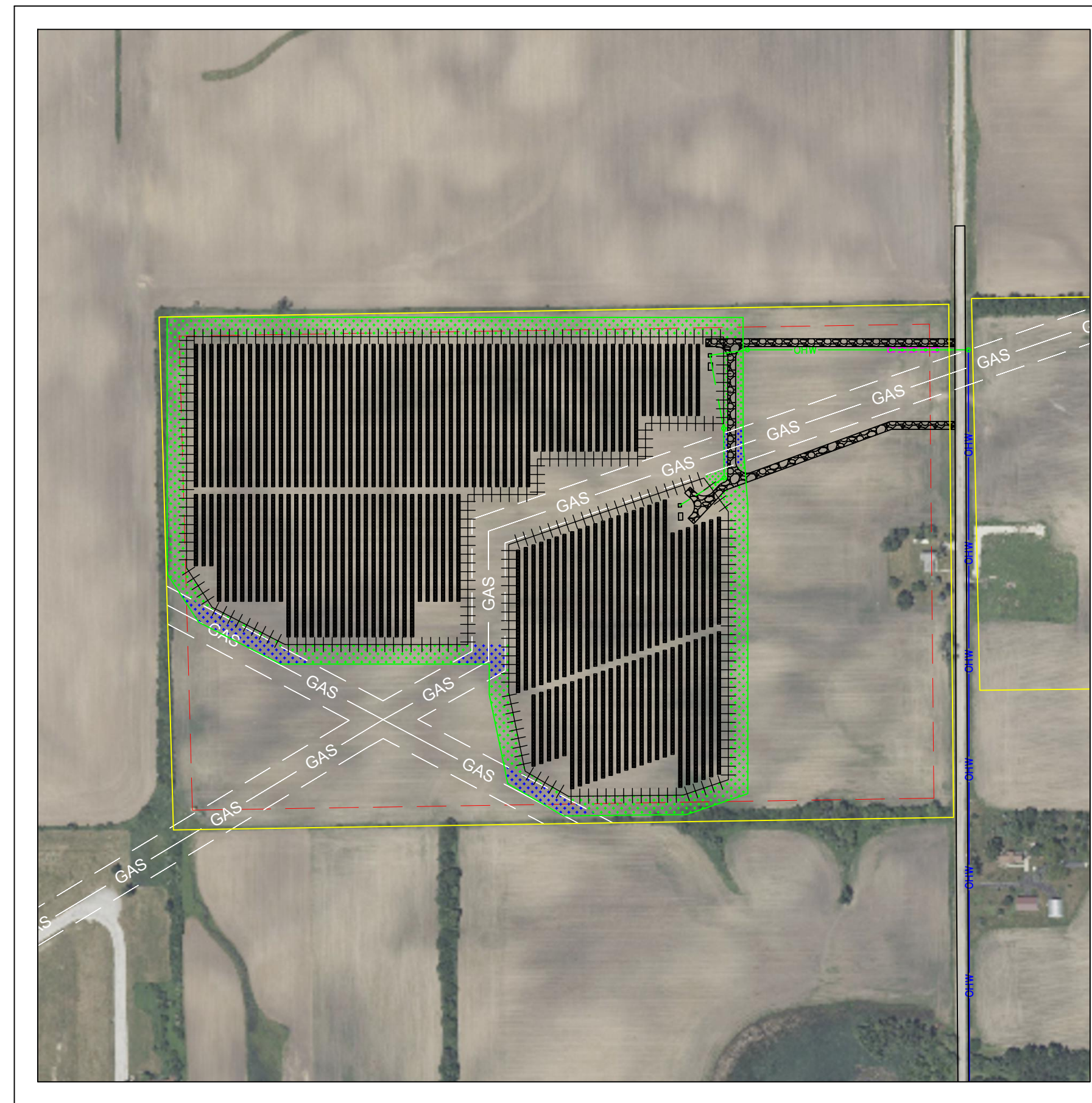
PROJECT ADDRESS
28964 S PARK AVE
BEECHER, IL 60401

LAT: 41.365
LONG: -87.602



1 ARRAY LOCATION

Scale: 1" = 2000'



2 OVERHEAD MAP

Scale: 1" = 300'

SHEET INDEX

SHEET #	DESCRIPTION	REVISION #	REVISION DATE
T1	TITLE PAGE	1	5/15/2024
PV1	EXISTING CONDITIONS	1	5/15/2024
PV2A	SITE PLAN A	1	5/15/2024
PV2B	SITE PLAN B	1	5/15/2024
PV3	PID & ZONING MAP	1	5/15/2024
PV4	SOIL MAP	1	5/15/2024
PV5	TOPOGRAPHY & DRAINAGE	1	5/15/2024
PV6	CONSTRUCTION & MAINTENANCE ROUTES	1	5/15/2024
PV7	RACKING DETAIL	1	5/15/2024
PV8	FENCE DETAIL	1	5/15/2024
PV9	STORMWATER BASIN DETAIL	1	5/15/2024
E1A	SINGLE LINE DIAGRAM 1	1	5/15/2024
E1B	SINGLE LINE DIAGRAM 2	1	5/15/2024
E2A	SYSTEM LABELS 1	1	5/15/2024
E2B	SYSTEM LABELS 2	1	5/15/2024
E3	INTERCONNECTION DETAIL	1	5/15/2024
E4	EQUIPMENT DOCS 1	1	5/15/2024
E5	EQUIPMENT DOCS 2	1	5/15/2024
E6	EQUIPMENT DOCS 3	1	5/15/2024

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

TITLE SHEET

SCALE¹

AS NOTED 0 1" 2"

SHEET

T1

PROJECT TEAM

PROJECT OWNER
WILD CAT SOLAR 4 LLC - SICILIANO
2530 RIVA RD SUITE 200
ANNAPOLIS, MD 21041
443-267-5012

ENGINEER OF RECORD
TBD

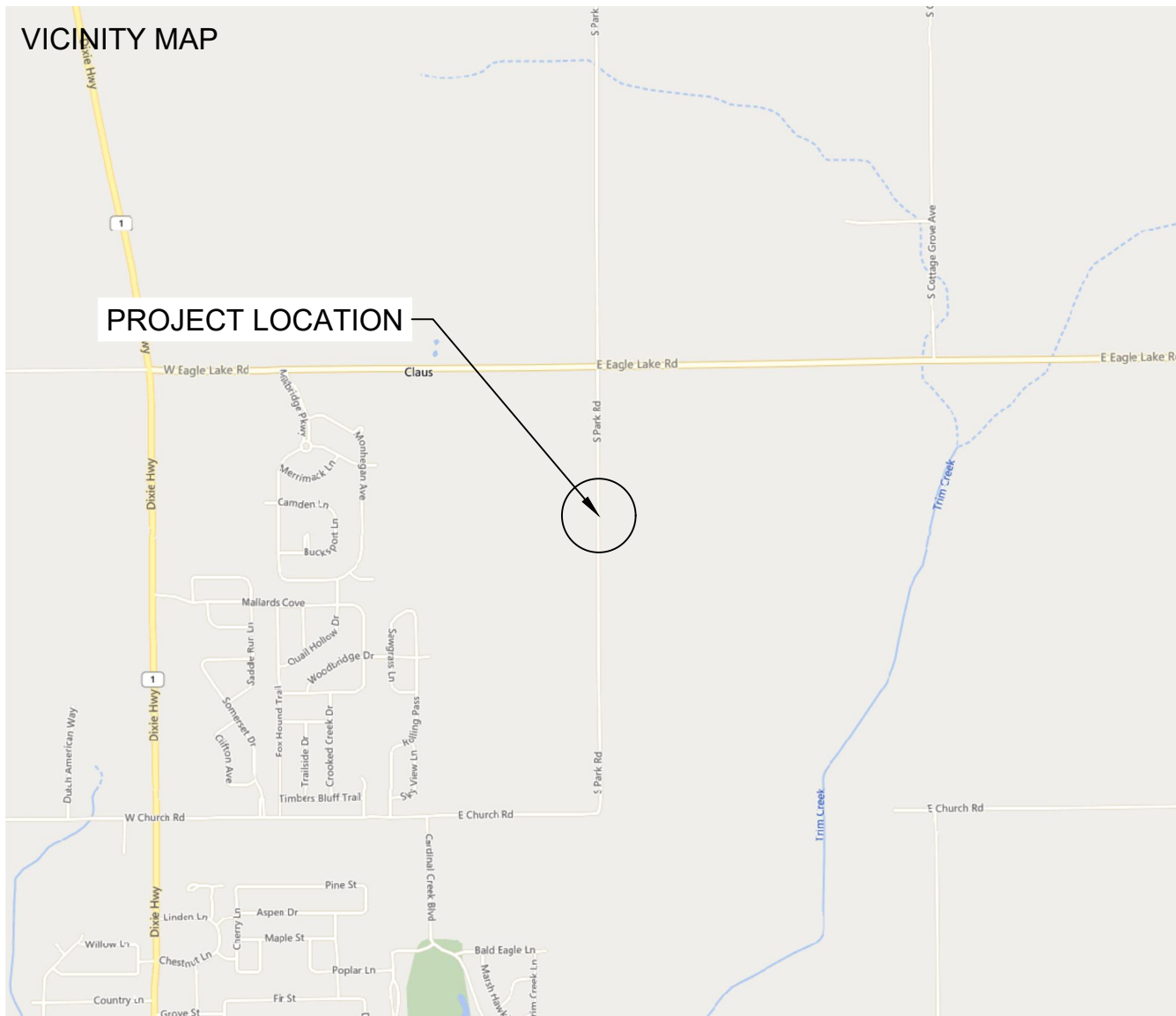
PROJECT DEVELOPER
NEW ENERGY EQUITY
2530 RIVA RD SUITE 200
ANNAPOLIS, MD 21041
443-267-5012

EPC CONTRACTOR
TBD

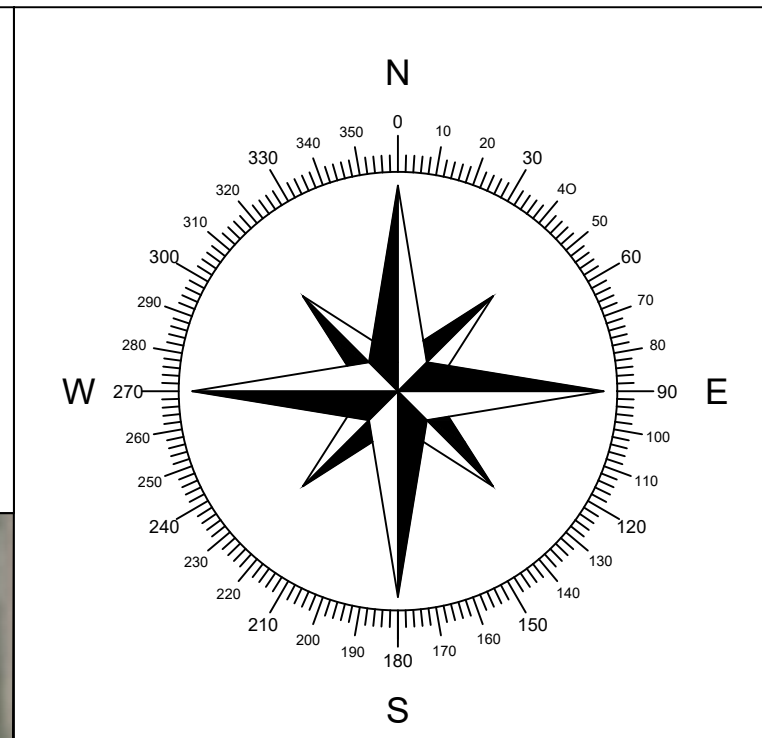
GENERAL INFO

PROJECT ACREAGE
ENTIRE PARCEL AREA: 120.66 ACRES
FENCE ACREAGE: 26.53 ACRES
LOT COVERAGE: 7.92% (AREA OF MODULES, ROAD & EQUIPMENT PADS DIVIDED BY PARCEL AREA)
FACILITY AREA ACREAGE: 35.8 ACRES

PARCEL DESCRIPTION
LAND OWNER: JAMES SICILIANO
PARCEL ID NUMBER: 2222101000050000



SPACE FOR PE STAMP:



PROJECT ENTITY: WILD CAT SOLAR 4 LLC - SICILIANO

NEW ENERGY EQUITY, LLC
2530 RIVA ROAD, SUITE 200
ANNAPOLIS, MD 21041
NEWENERGYEQUITY.COM
443-267-5012

PROJECT ADDRESS
28964 S PARK AVE
BEECHER, IL 60401

LAT: 41.365
LONG: -87.602

SYSTEM SPECIFICATIONS	
SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

SHEET NOTES:
UTILITY POLES ARE SHOWN FOR INDICATING LOCATIONS ONLY. SPACING BETWEEN POLES, PHYSICAL PROTECTION BARRIER FOR SWITCHBOARDS, ETC. WILL BE ADDED IN THE DRAWINGS PREPARED FOR THE CONSTRUCTION DOCUMENTS

DESIGN CRITERIA	
MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS			
#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			



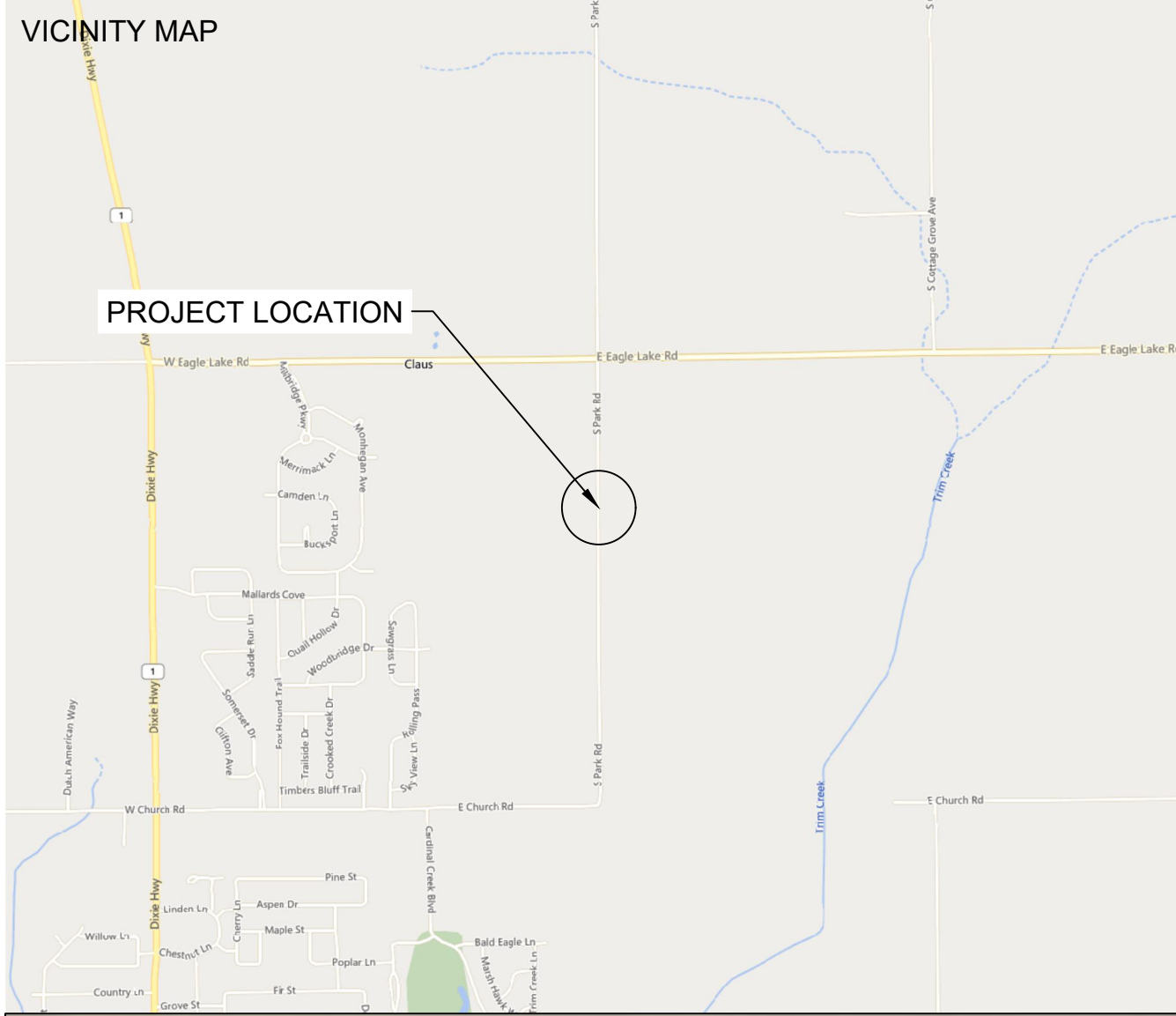
LEGEND	
PARCEL BOUNDARY (PID: 22-22-10-100-005-0000)	
50' SETBACK FROM PARCEL BOUNDARY	
S PARK RD ROW(50' OFFSET, NTS)	
EXISTING RESIDENTIAL DWELLINGS (150' SETBACK, NTS)	
EXISTING GAS LINE (42.5' SETBACK FROM CENTER, NTS)	
EXISTING OVERHEAD UTILITY LINE (COMED)	

PROJECT NAME
SICILIANO

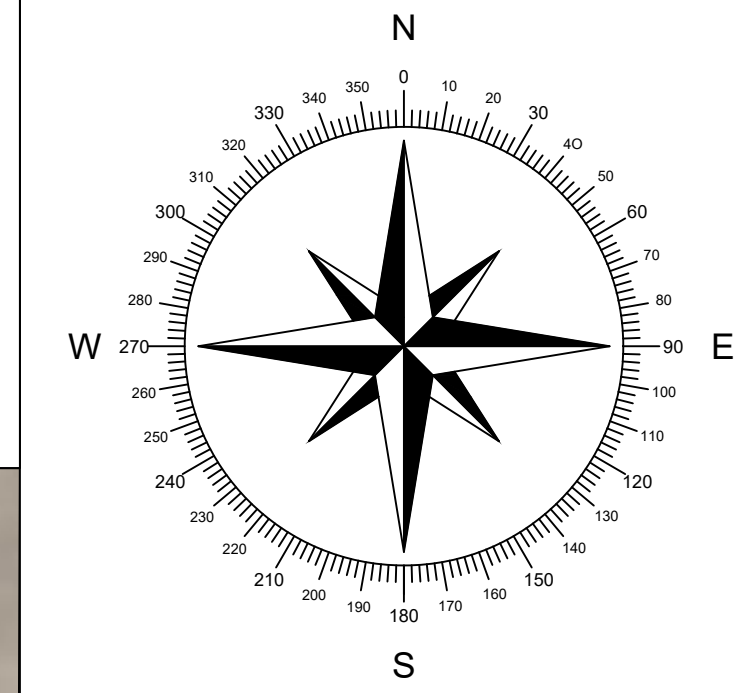
DRAWING TITLE
SITE PLAN

SCALE ¹
1" = 100'

SHEET
PV1



SPACE FOR PE STAMP:



PROJECT ENTITY: WILD CAT SOLAR 4 LLC - SICILIANO

NEW ENERGY EQUITY, LLC
2530 RIVA ROAD, SUITE 200
ANNAPOLIS, MD 21041
NEWENERGYEQUITY.COM
443-267-5012

PROJECT ADDRESS
28964 S PARK AVE
BEECHER, IL 60401

LAT: 41.365
LONG: -87.602

SHEET NOTES:

UTILITY POLES ARE SHOWN FOR INDICATING LOCATIONS ONLY. SPACING BETWEEN POLES, PHYSICAL PROTECTION BARRIER FOR SWITCHBOARDS, ETC. WILL BE ADDED IN THE DRAWINGS PREPARED FOR THE CONSTRUCTION DOCUMENTS

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

SITE PLAN A

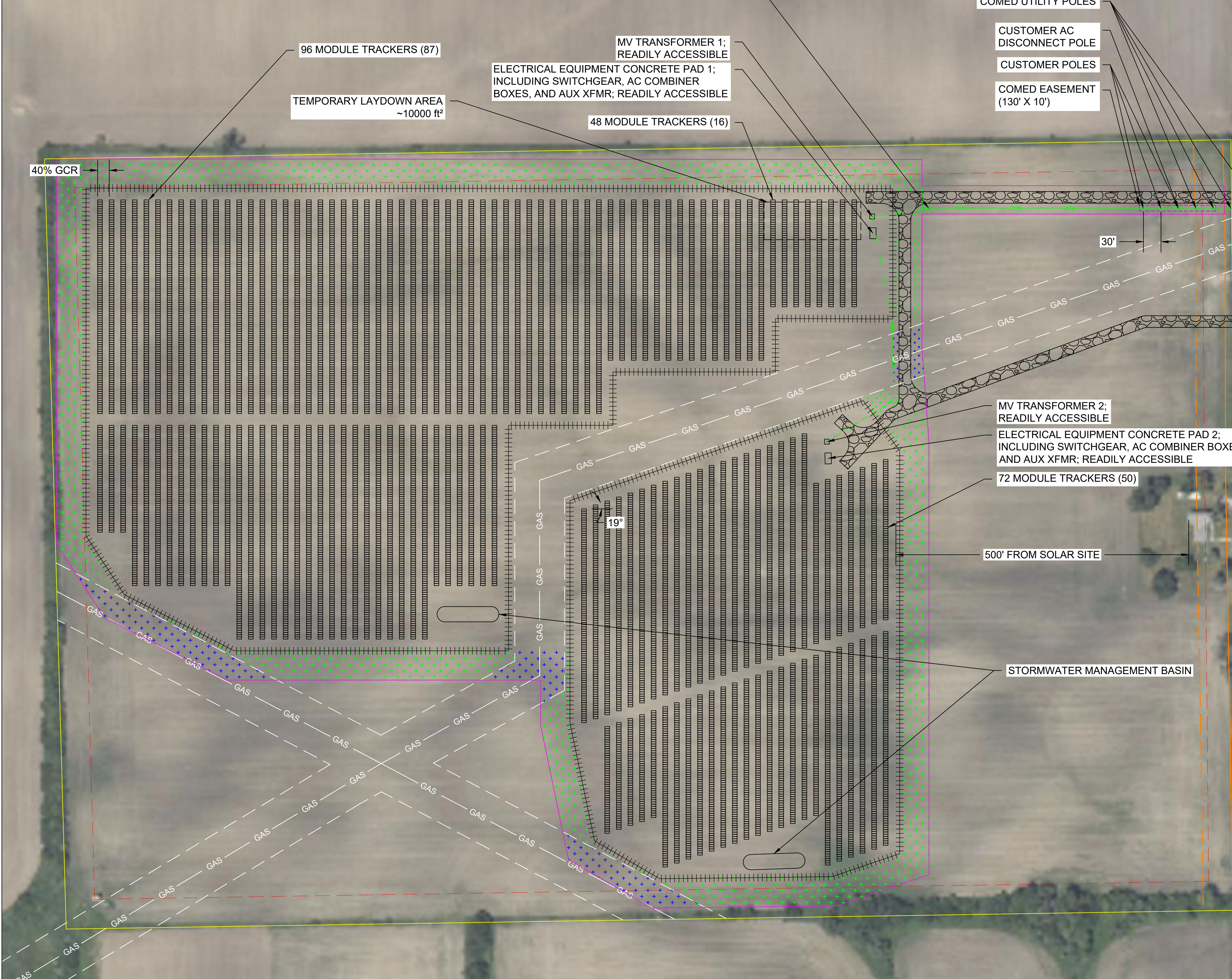
SCALE

1" = 100'



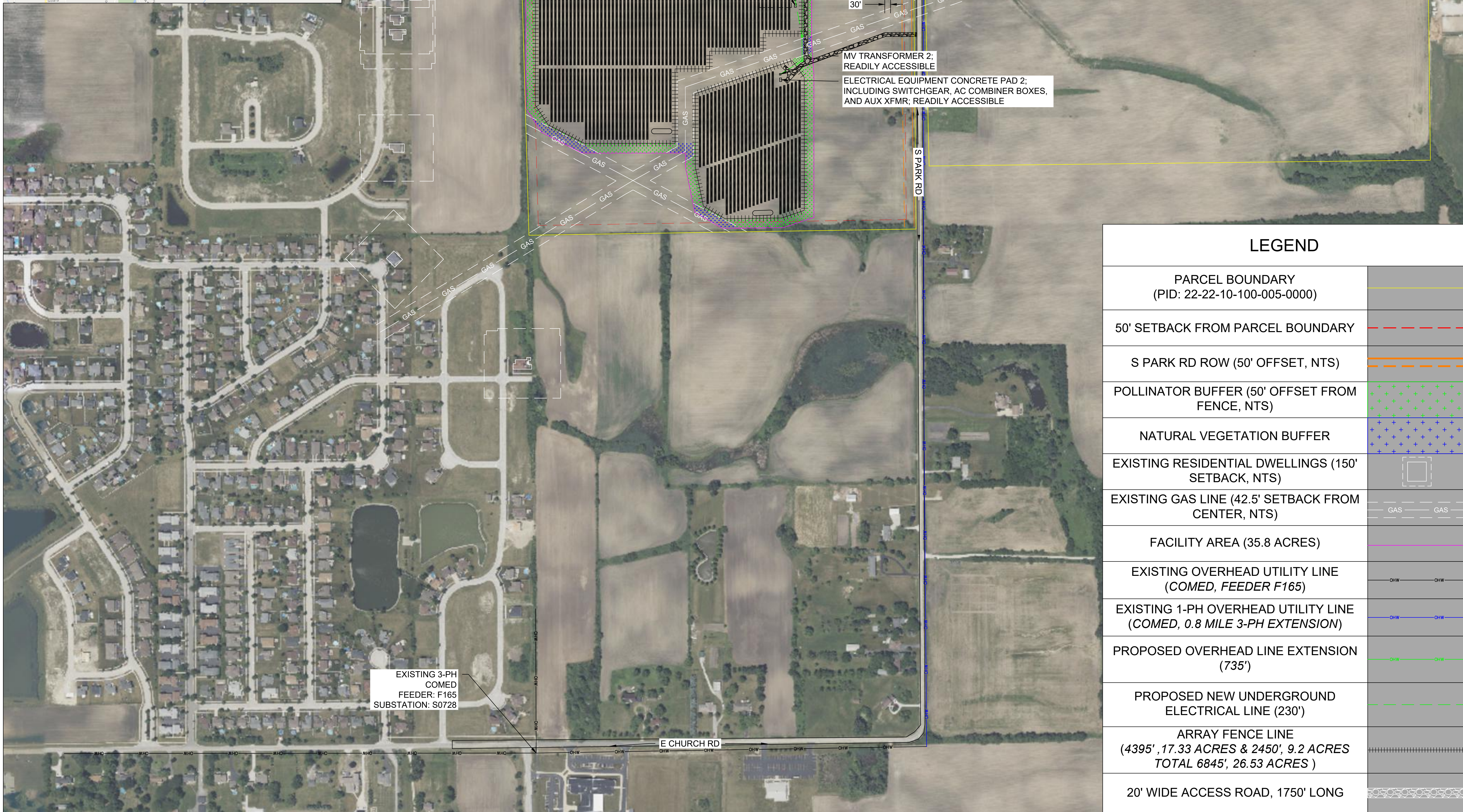
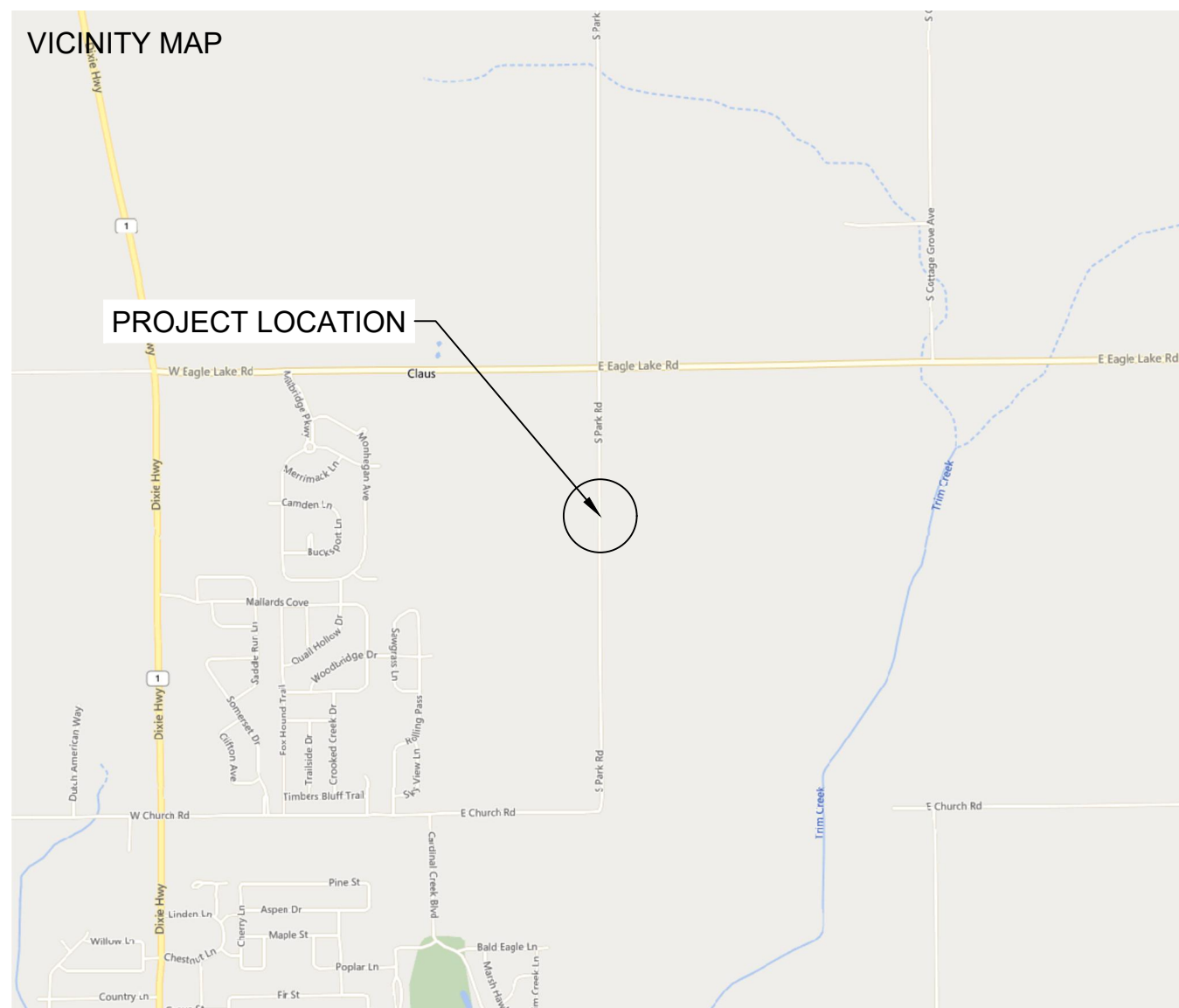
SHEET

PV2A

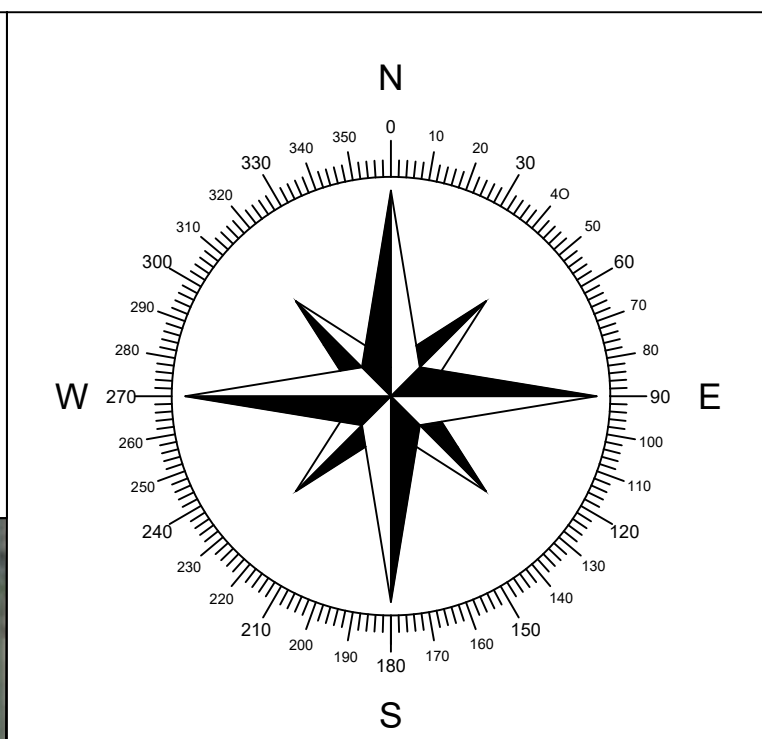


LEGEND

PARCEL BOUNDARY (PID: 22-22-10-100-005-0000)	[Symbol]
50' SETBACK FROM PARCEL BOUNDARY	[Symbol]
S PARK RD ROW (50' OFFSET, NTS)	[Symbol]
POLLINATOR BUFFER (50' OFFSET FROM FENCE, NTS)	[Symbol]
NATURAL VEGETATION BUFFER	[Symbol]
EXISTING RESIDENTIAL DWELLINGS (150' SETBACK, NTS)	[Symbol]
EXISTING GAS LINE (42.5' SETBACK FROM CENTER, NTS)	[Symbol]
FACILITY AREA (35.8 ACRES)	[Symbol]
EXISTING 1-PH OVERHEAD UTILITY LINE (COMED, 0.8 MILE 3-PH EXTENSION)	[Symbol]
PROPOSED OVERHEAD LINE EXTENSION (700')	[Symbol]
PROPOSED NEW UNDERGROUND ELECTRICAL LINE (420')	[Symbol]
ARRAY FENCE LINE (4395', 17.33 ACRES & 2450', 9.2 ACRES TOTAL 6845', 26.53 ACRES)	[Symbol]
20' WIDE ACCESS ROAD, 1750' LONG	[Symbol]



SPACE FOR PE STAMP:



SHEET NOTES:
UTILITY POLES ARE SHOWN FOR INDICATING LOCATIONS ONLY. SPACING BETWEEN POLES, PHYSICAL PROTECTION BARRIER FOR SWITCHBOARDS, ETC. WILL BE ADDED IN THE DRAWINGS PREPARED FOR THE CONSTRUCTION DOCUMENTS



PROJECT ENTITY: WILD CAT SOLAR 4 LLC - SICILIANO

NEW ENERGY EQUITY, LLC
2530 RIVA ROAD, SUITE 200
ANNAPOLIS, MD 21041
NEWENERGYEQUITY.COM
443-267-5012

PROJECT ADDRESS: 28964 S PARK AVE BEECHER, IL 60401
LAT: 41.365
LONG: -87.602

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

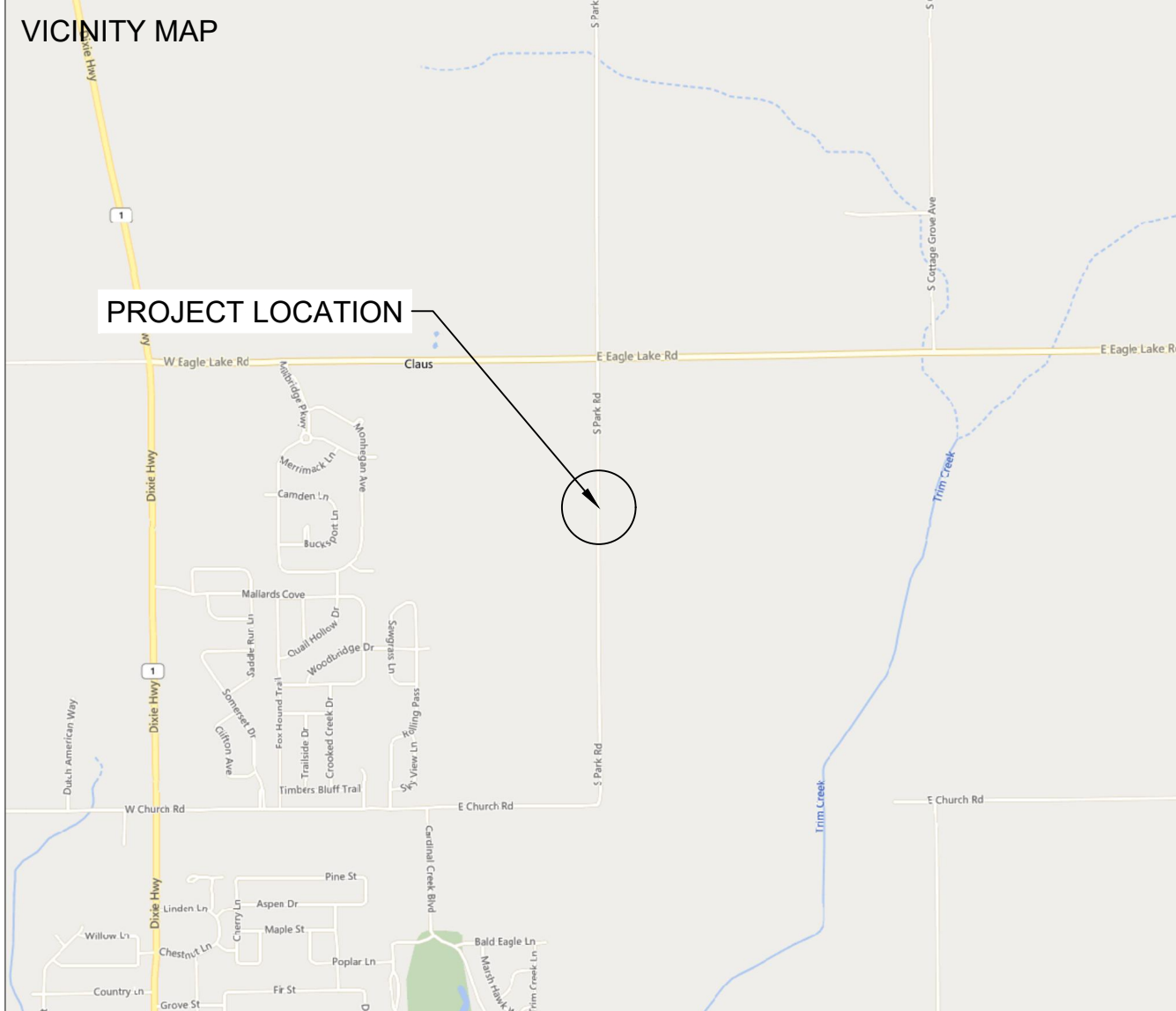
SITE PLAN B

SCALE: 1" = 250'

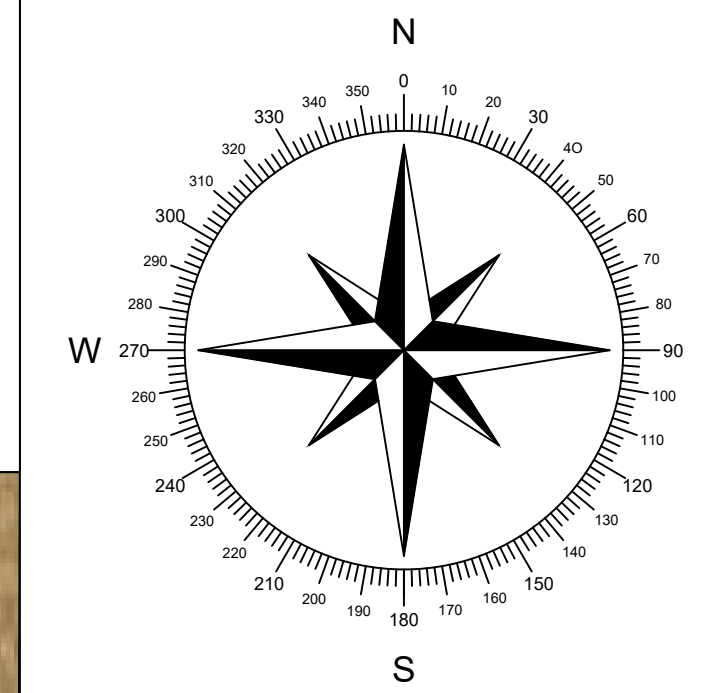
SHEET

PV2B

LEGEND	
PARCEL BOUNDARY (PID: 22-22-10-100-005-0000)	
50' SETBACK FROM PARCEL BOUNDARY	
S PARK RD ROW (50' OFFSET, NTS)	
POLLINATOR BUFFER (50' OFFSET FROM FENCE, NTS)	
NATURAL VEGETATION BUFFER	
EXISTING RESIDENTIAL DWELLINGS (150' SETBACK, NTS)	
EXISTING GAS LINE (42.5' SETBACK FROM CENTER, NTS)	
FACILITY AREA (35.8 ACRES)	
EXISTING OVERHEAD UTILITY LINE (COMED, FEEDER F165)	
EXISTING 1-PH OVERHEAD UTILITY LINE (COMED, 0.8 MILE 3-PH EXTENSION)	
PROPOSED OVERHEAD LINE EXTENSION (735')	
PROPOSED NEW UNDERGROUND ELECTRICAL LINE (230')	
ARRAY FENCE LINE (4395', 17.33 ACRES & 2450', 9.2 ACRES TOTAL 6845', 26.53 ACRES)	
20' WIDE ACCESS ROAD, 1750' LONG	



SPACE FOR PE STAMP:



PROJECT ENTITY: WILD CAT SOLAR 4 LLC - SICILIANO

NEW ENERGY EQUITY, LLC
2530 RIVA ROAD, SUITE 200
ANNAPOLIS, MD 21041
NEWENERGYEQUITY.COM
443-267-5012

PROJECT ADDRESS
28964 S PARK AVE
BEECHER, IL 60401

LAT: 41.365
LONG: -87.602

SHEET NOTES:

UTILITY POLES ARE SHOWN FOR INDICATING LOCATIONS ONLY. SPACING BETWEEN POLES, PHYSICAL PROTECTION BARRIER FOR SWITCHBOARDS, ETC. WILL BE ADDED IN THE DRAWINGS PREPARED FOR THE CONSTRUCTION DOCUMENTS

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES

E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

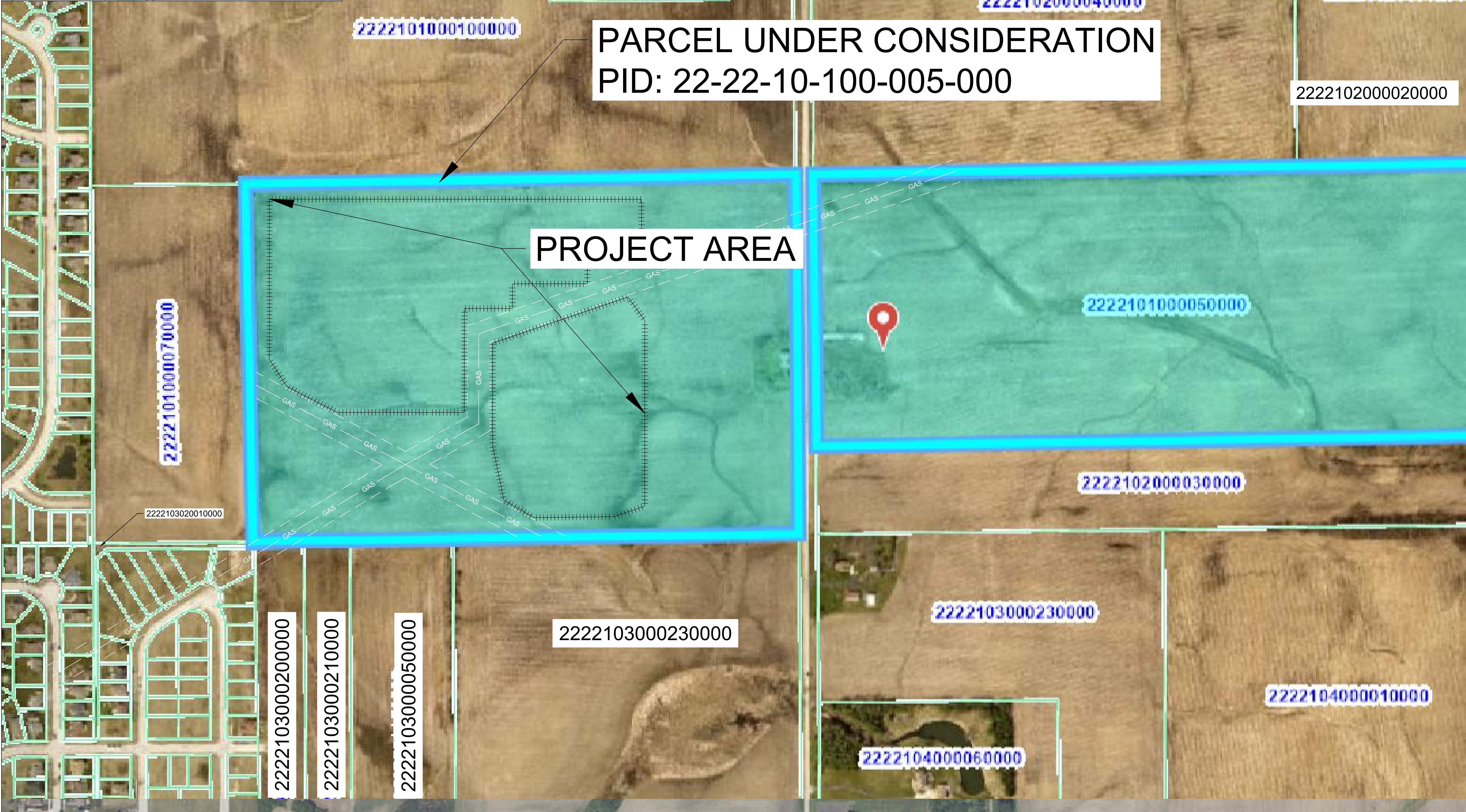
PID MAP

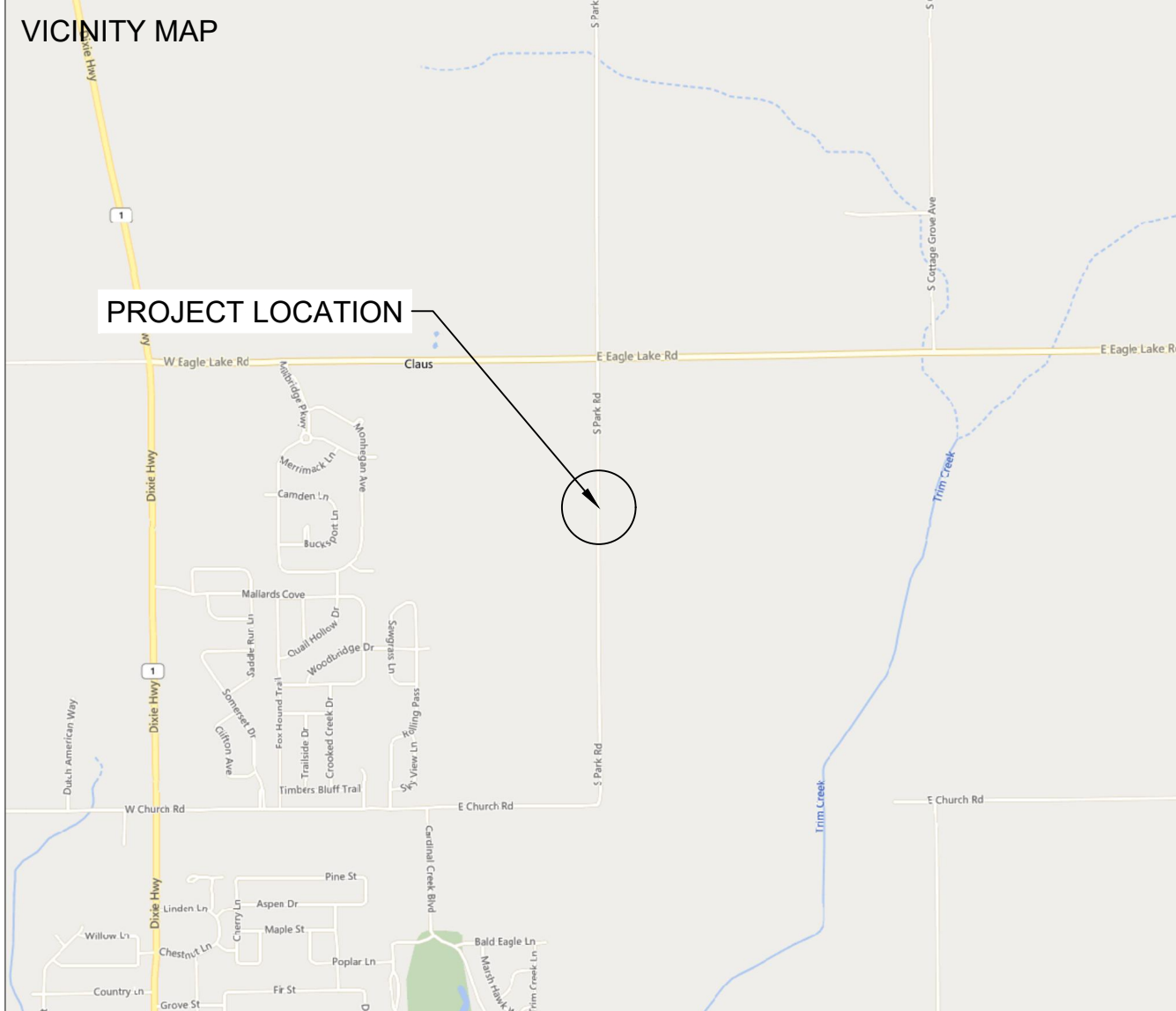
SCALE ¹

1" = 180' 0 1" 2"

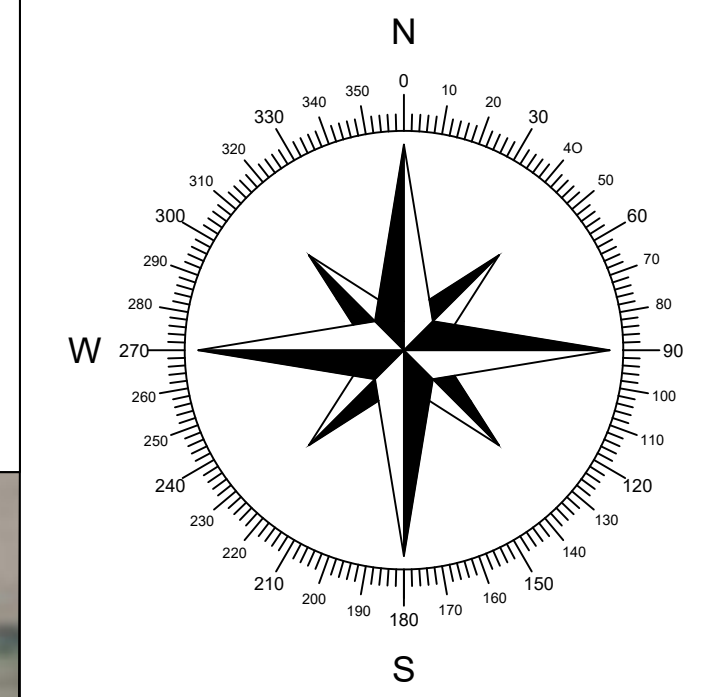
SHEET

PV3





SPACE FOR PE STAMP:



PROJECT ENTITY: WILD CAT SOLAR 4 LLC - SICILIANO

NEW ENERGY EQUITY, LLC
2530 RIVA ROAD, SUITE 200
ANNAPOLIS, MD 21041
NEWENERGYEQUITY.COM
443-267-5012

PROJECT ADDRESS
28964 S PARK AVE
BEECHER, IL 60401

LAT: 41.365
LONG: -87.602

SHEET NOTES:

UTILITY POLES ARE SHOWN FOR INDICATING LOCATIONS ONLY. SPACING BETWEEN POLES, PHYSICAL PROTECTION BARRIER FOR SWITCHBOARDS, ETC. WILL BE ADDED IN THE DRAWINGS PREPARED FOR THE CONSTRUCTION DOCUMENTS

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES

E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

SOIL MAP

SCALE¹

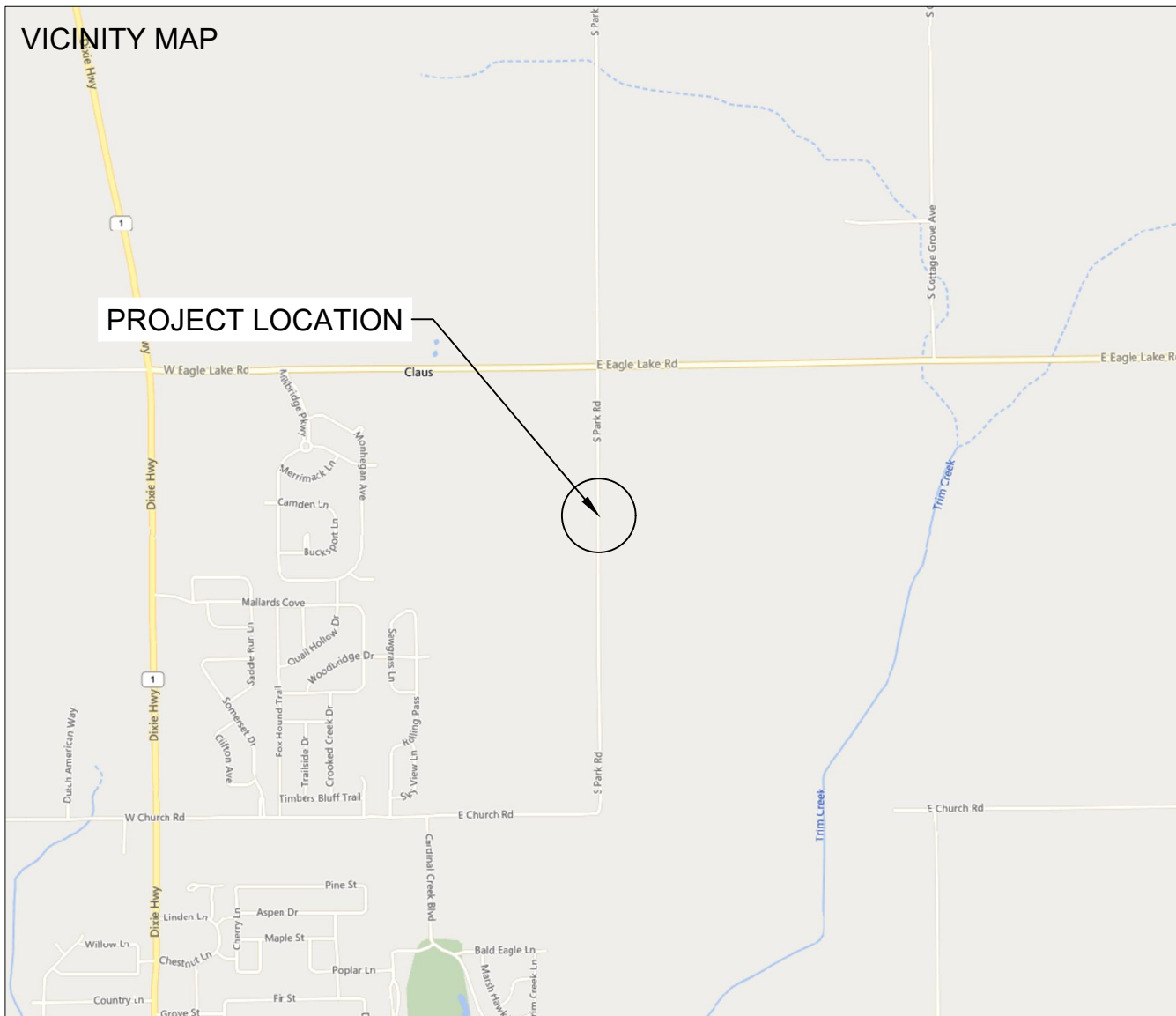
1" = 100'

SHEET

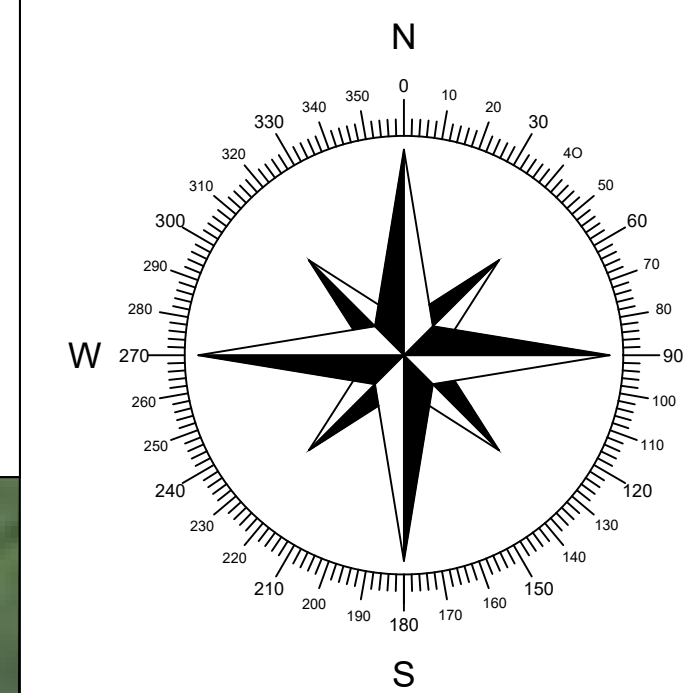
PV4

PROJECT AREA

SOIL MAP LEGEND	
MAP UNIT SYMBOL	MAP UNIT NAME
232A	ASHKUM SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES
298B	BEECHER SILT LOAM, 2 TO 4 PERCENT SLOPES
298B2	BEECHER SILT LOAM 2 TO 4 PERCENT SLOPES



SPACE FOR PE STAMP:



PROJECT ENTITY: WILD CAT SOLAR 4 LLC - SICILIANO

NEW ENERGY EQUITY, LLC
2530 RIVA ROAD, SUITE 200
ANNAPOLIS, MD 21041
NEWENERGYEQUITY.COM
443-267-5012

PROJECT ADDRESS
28964 S PARK AVE
BEECHER, IL 60401

LAT: 41.365
LONG: -87.602

SHEET NOTES:

UTILITY POLES ARE SHOWN FOR INDICATING LOCATIONS ONLY. SPACING BETWEEN POLES, PHYSICAL PROTECTION BARRIER FOR SWITCHBOARDS, ETC. WILL BE ADDED IN THE DRAWINGS PREPARED FOR THE CONSTRUCTION DOCUMENTS

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES

E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

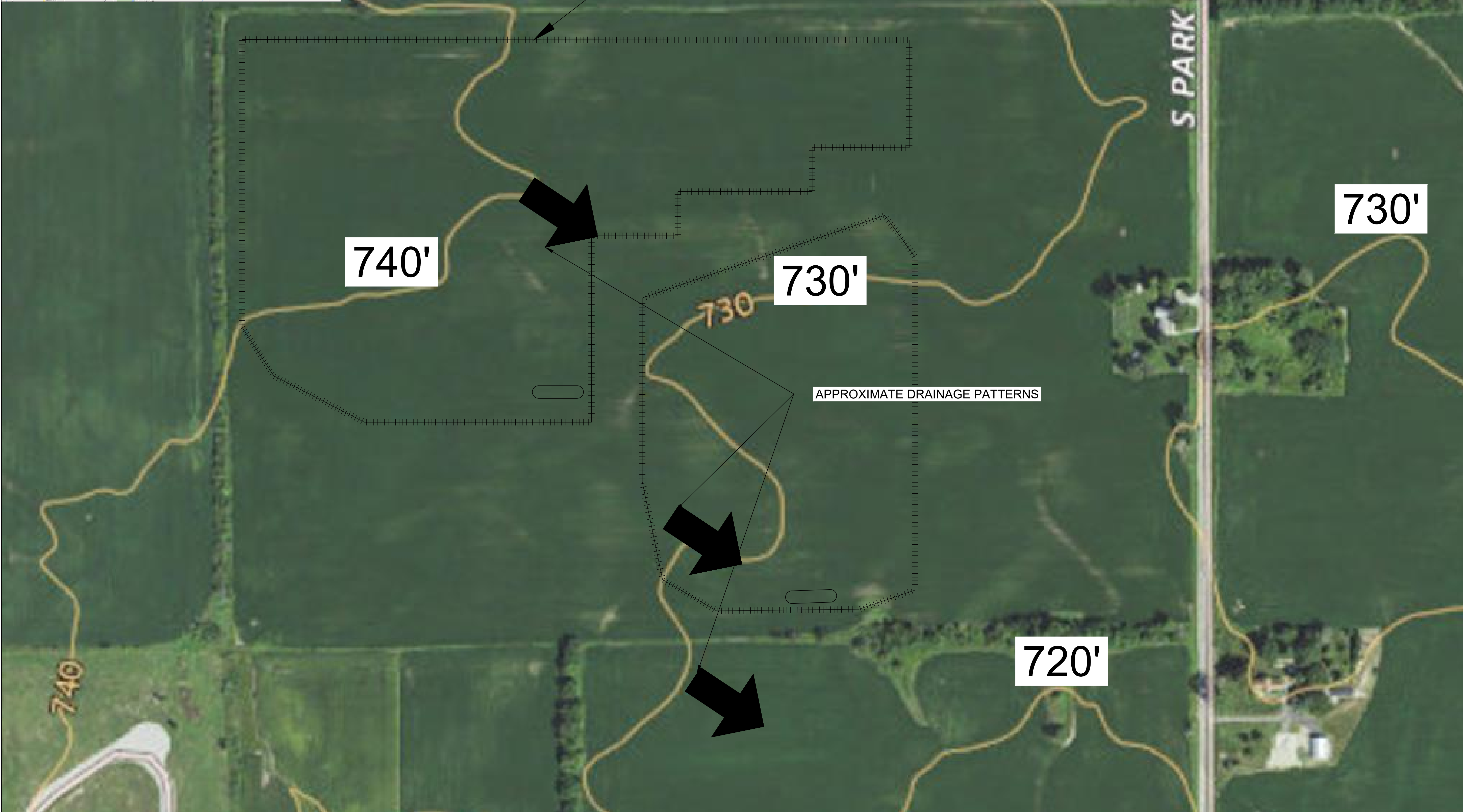
TOPOGRAPHY & DRAINAGE

SCALE¹

1" = 100'

SHEET

PV5



PROJECT AREA

S PARK AVE

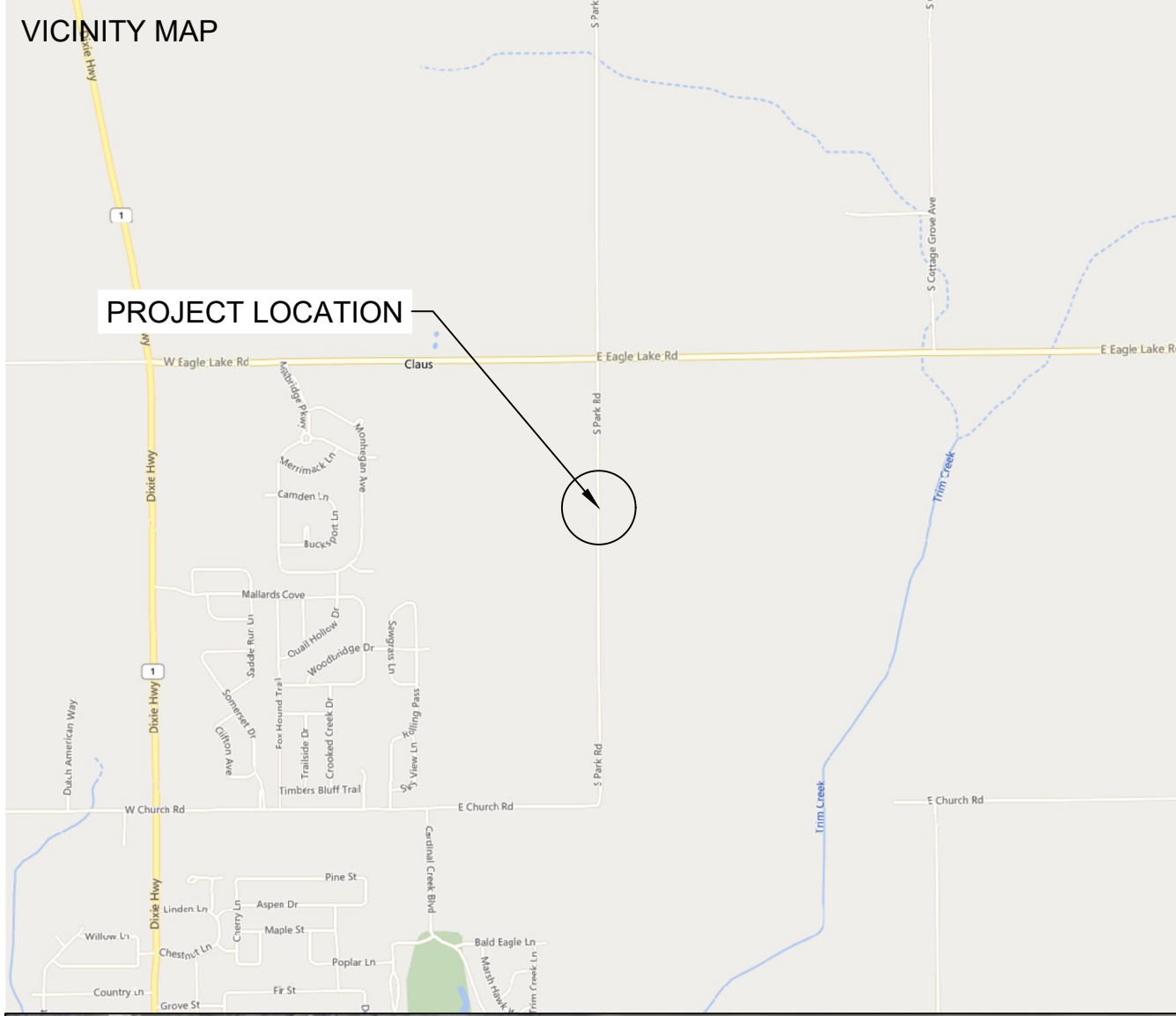
740'

730'

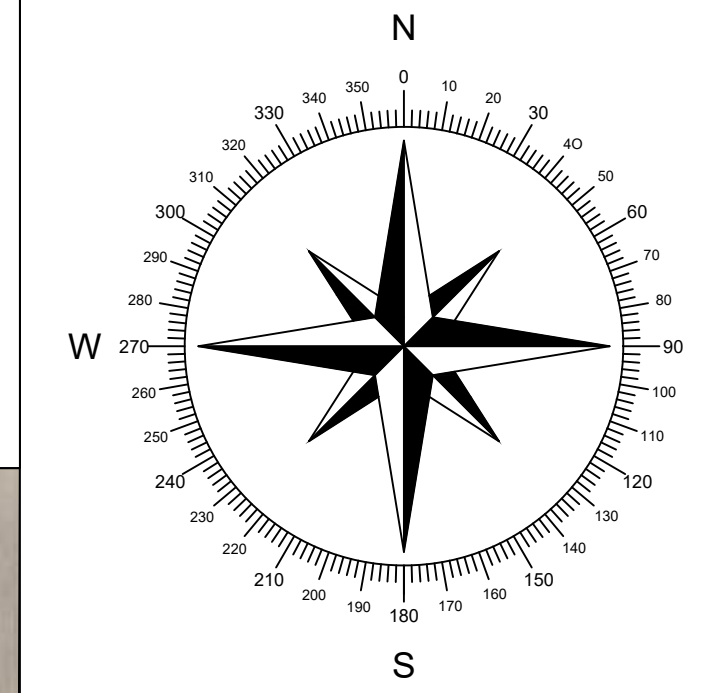
730'

720'

APPROXIMATE DRAINAGE PATTERNS



SPACE FOR PE STAMP:



SHEET NOTES:

UTILITY POLES ARE SHOWN FOR INDICATING LOCATIONS ONLY. SPACING BETWEEN POLES, PHYSICAL PROTECTION BARRIER FOR SWITCHBOARDS, ETC. WILL BE ADDED IN THE DRAWINGS PREPARED FOR THE CONSTRUCTION DOCUMENTS



PROJECT ENTITY: WILD CAT SOLAR 4 LLC - SICILIANO

NEW ENERGY EQUITY, LLC
2530 RIVA ROAD, SUITE 200
ANNAPOLIS, MD 21041
NEWENERGYEQUITY.COM
443-267-5012

PROJECT ADDRESS
28964 S PARK AVE
BEECHER, IL 60401

LAT: 41.365
LONG: -87.602

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

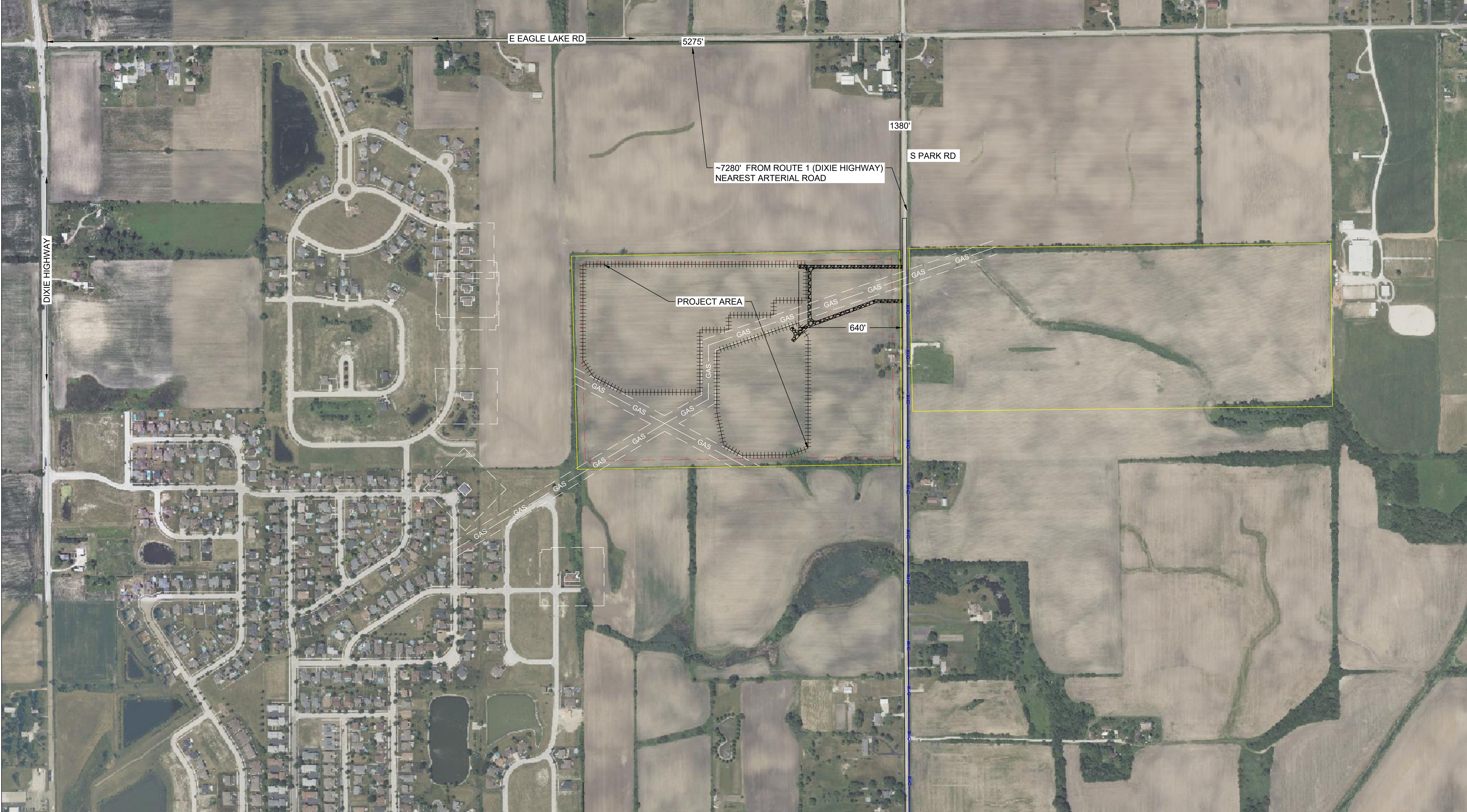
CONSTRUCTION & MAINTENANCE ROUTES

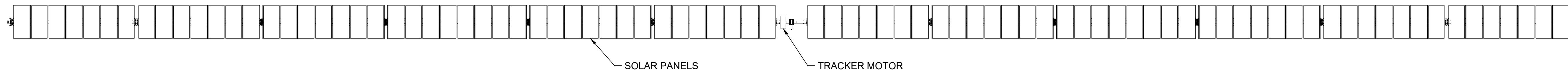
SCALE 1"

1" = 200' 0 1" 2"

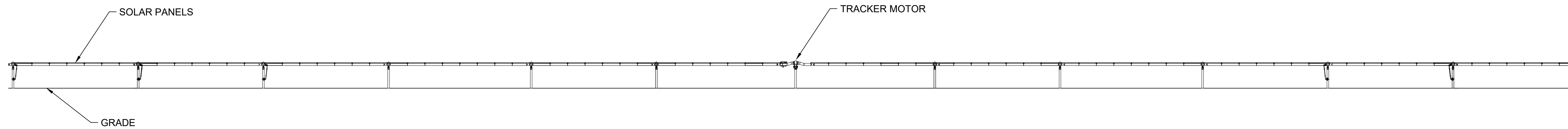
SHEET

PV6

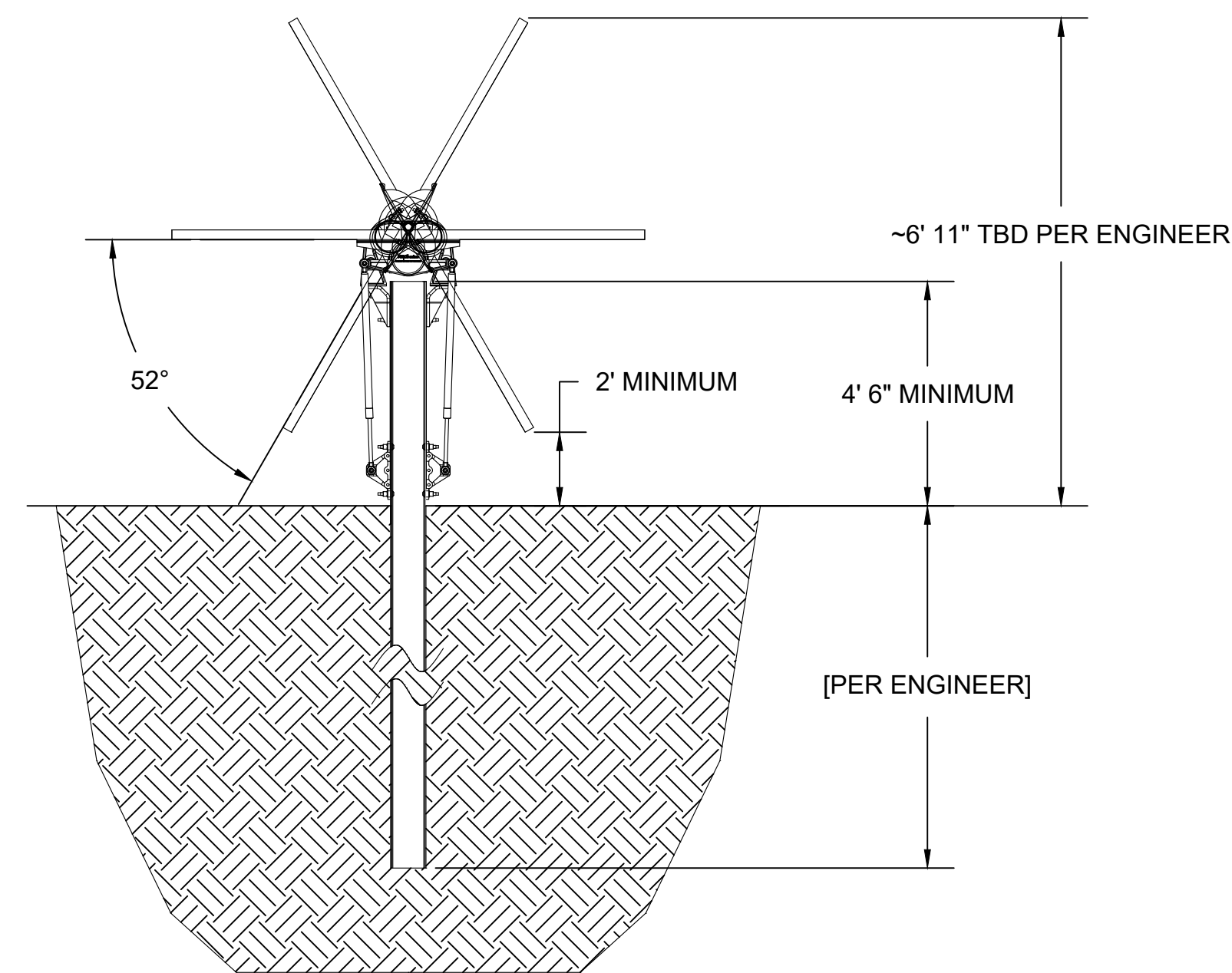




1 SINGLE AXIS TRACKER TOP DOWN VIEW
NTS



2 SINGLE AXIS TRACKER EAST-WEST ELEVATION
NTS



3 SINGLE AXIS TRACKER NORTH-SOUTH ELEVATION
NTS

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

SAT RACKING DETAIL

SCALE ¹

NTS

SHEET

PV7

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES

E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

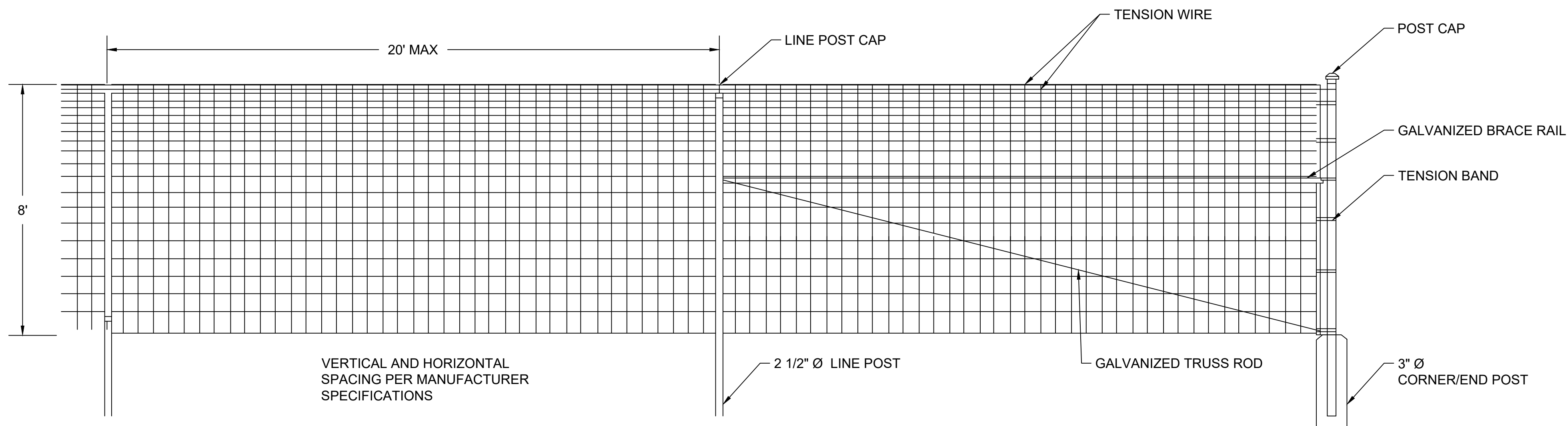
FENCE DETAIL

SCALE ¹

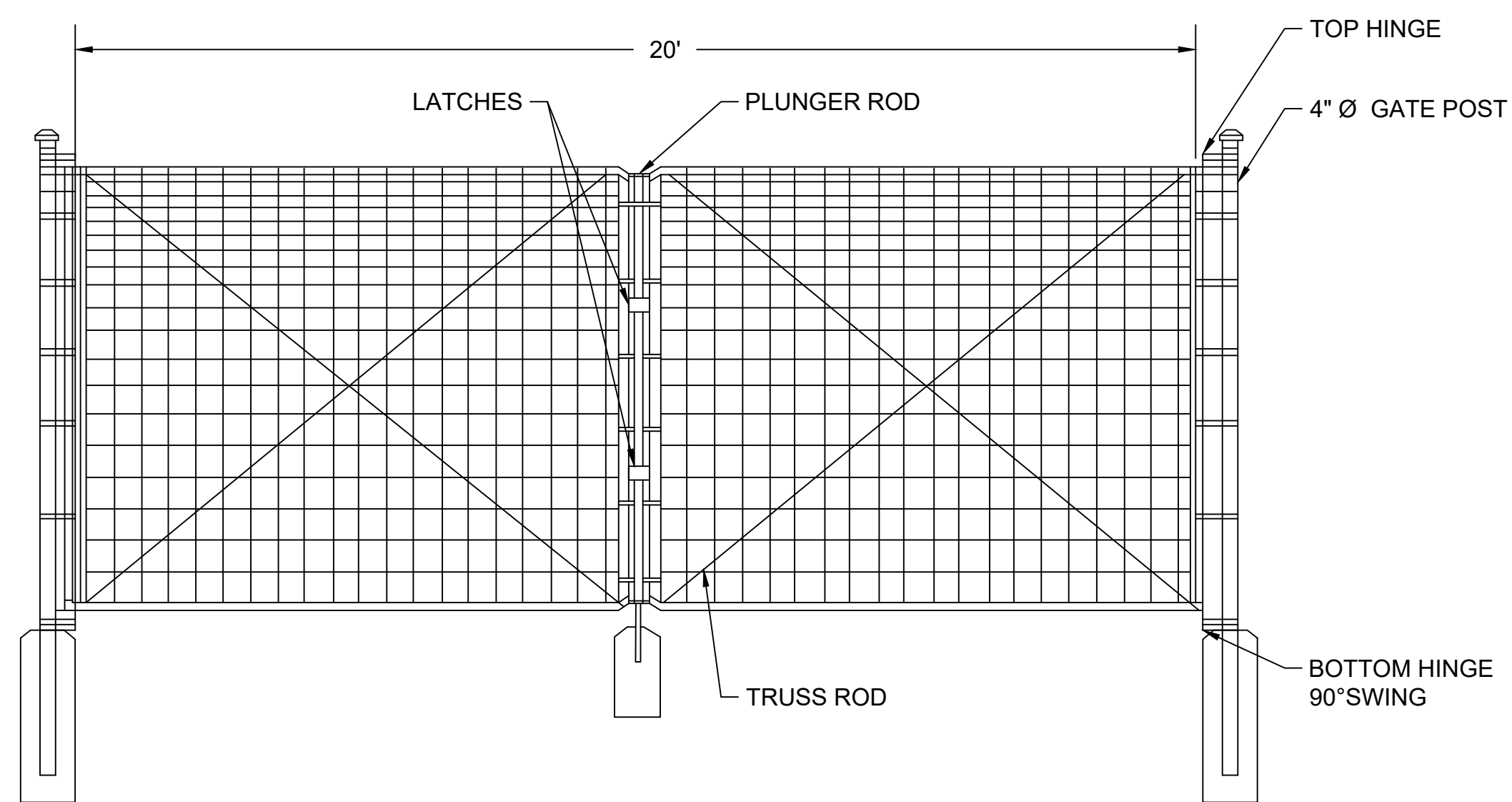
NTS

SHEET

PV8



1 8' FIXED KNOT FENCE NTS



2 8' FIXED KNOT FENCE GATE NTS

NOTE:
1. THIS DRAWING IS FOR INFORMATIONAL PURPOSES ONLY AND NOT TO BE USED FOR CONSTRUCTION.
2. DO NOT SCALE DRAWING

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q.PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

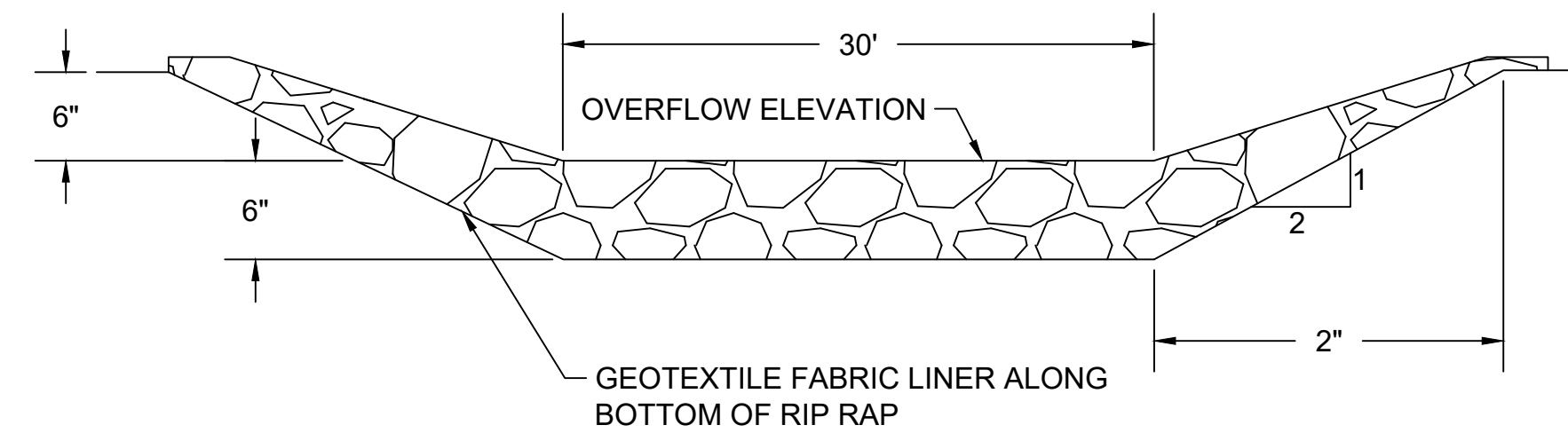
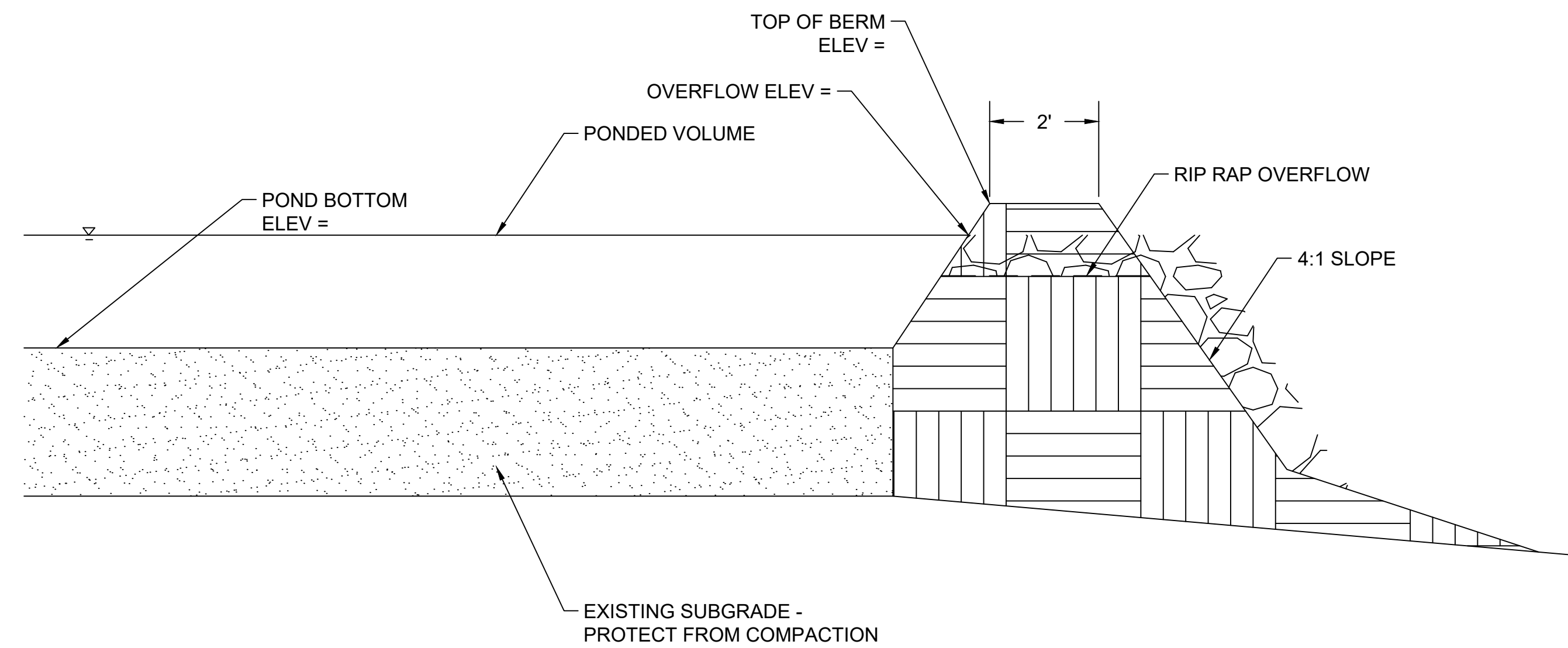
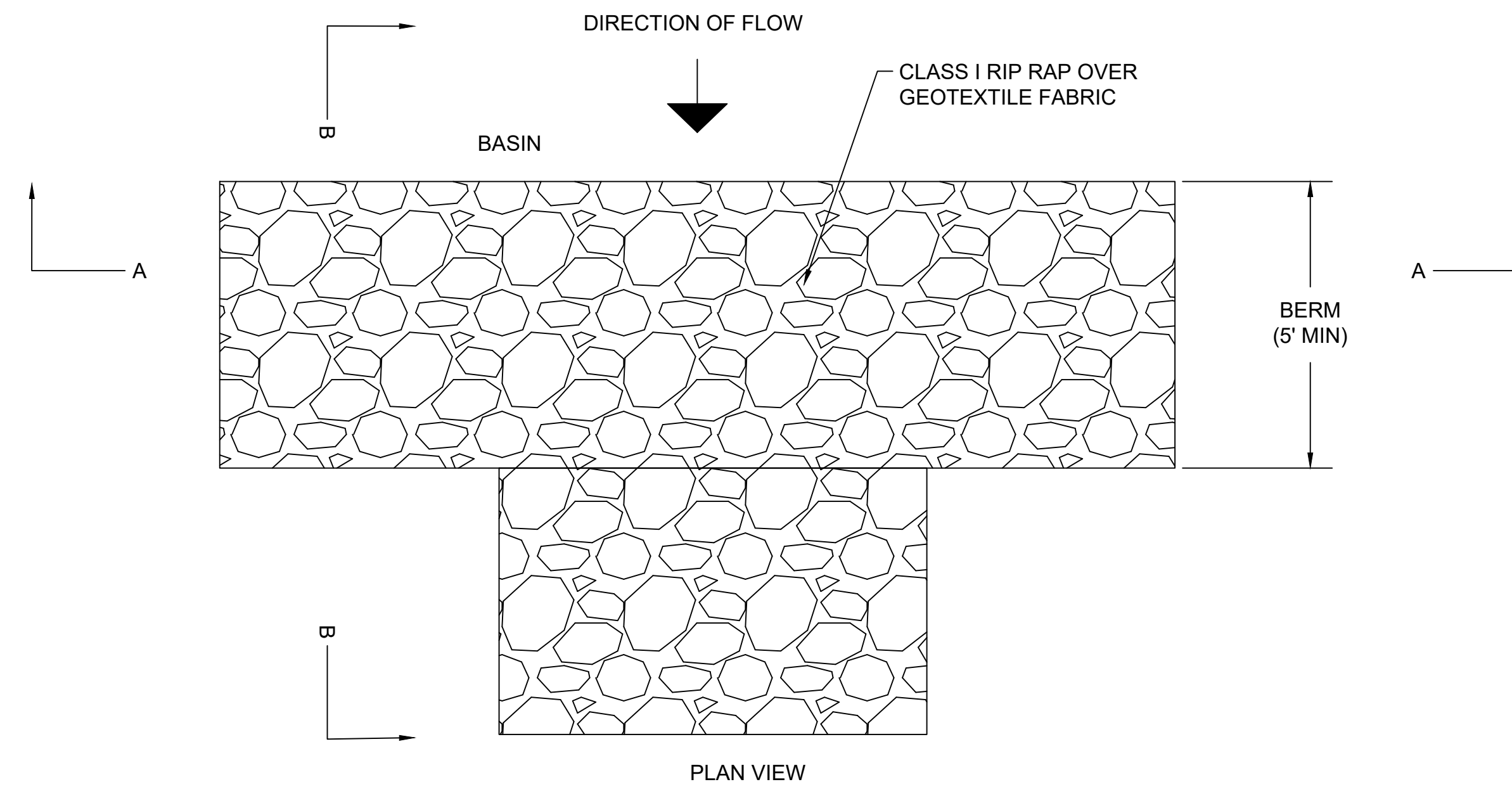
STORMWATER BASIN DETAIL

SCALE¹

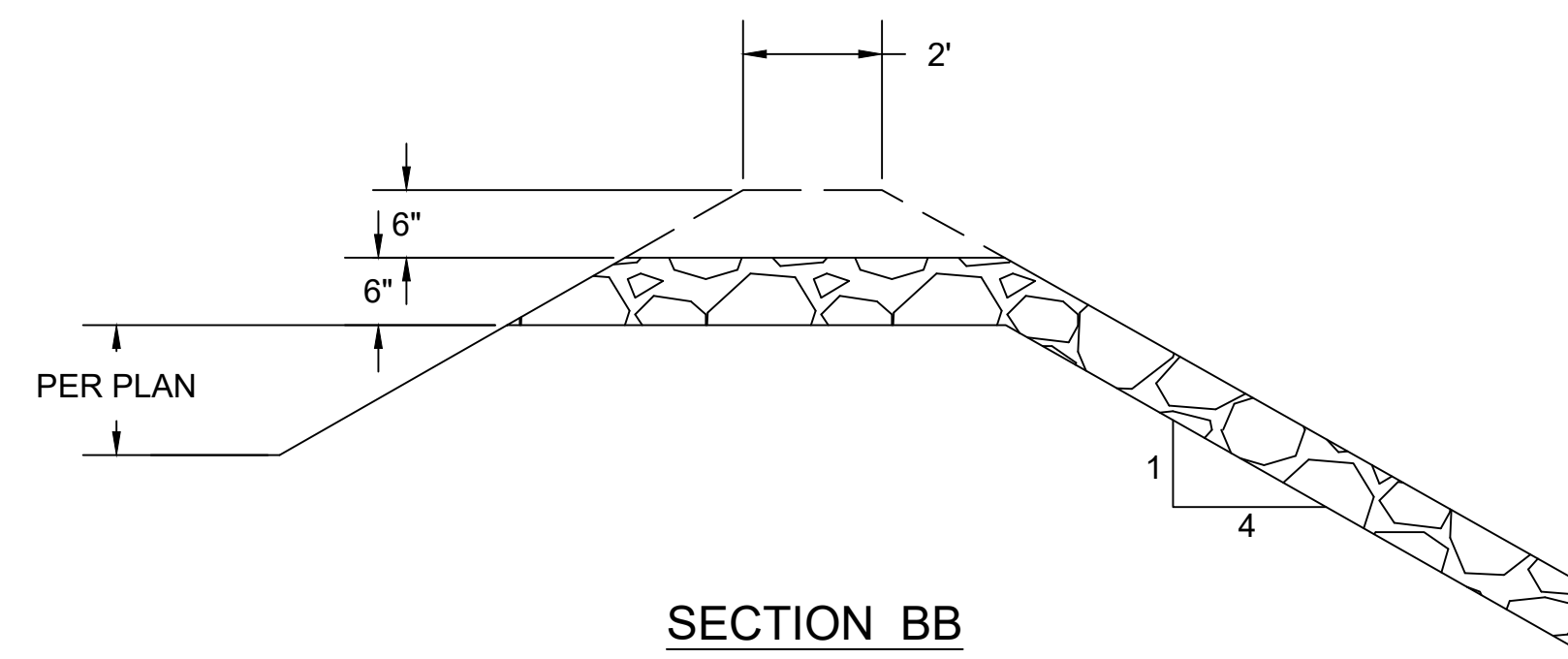
NTS

SHEET

PV9



SECTION AA



SECTION BB

1 INFILTRATION BASIN
NTS

2 RIP RAP OVERFLOW
NTS

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

SCREENING PLAN

SCALE¹

NTS

SHEET

PV10



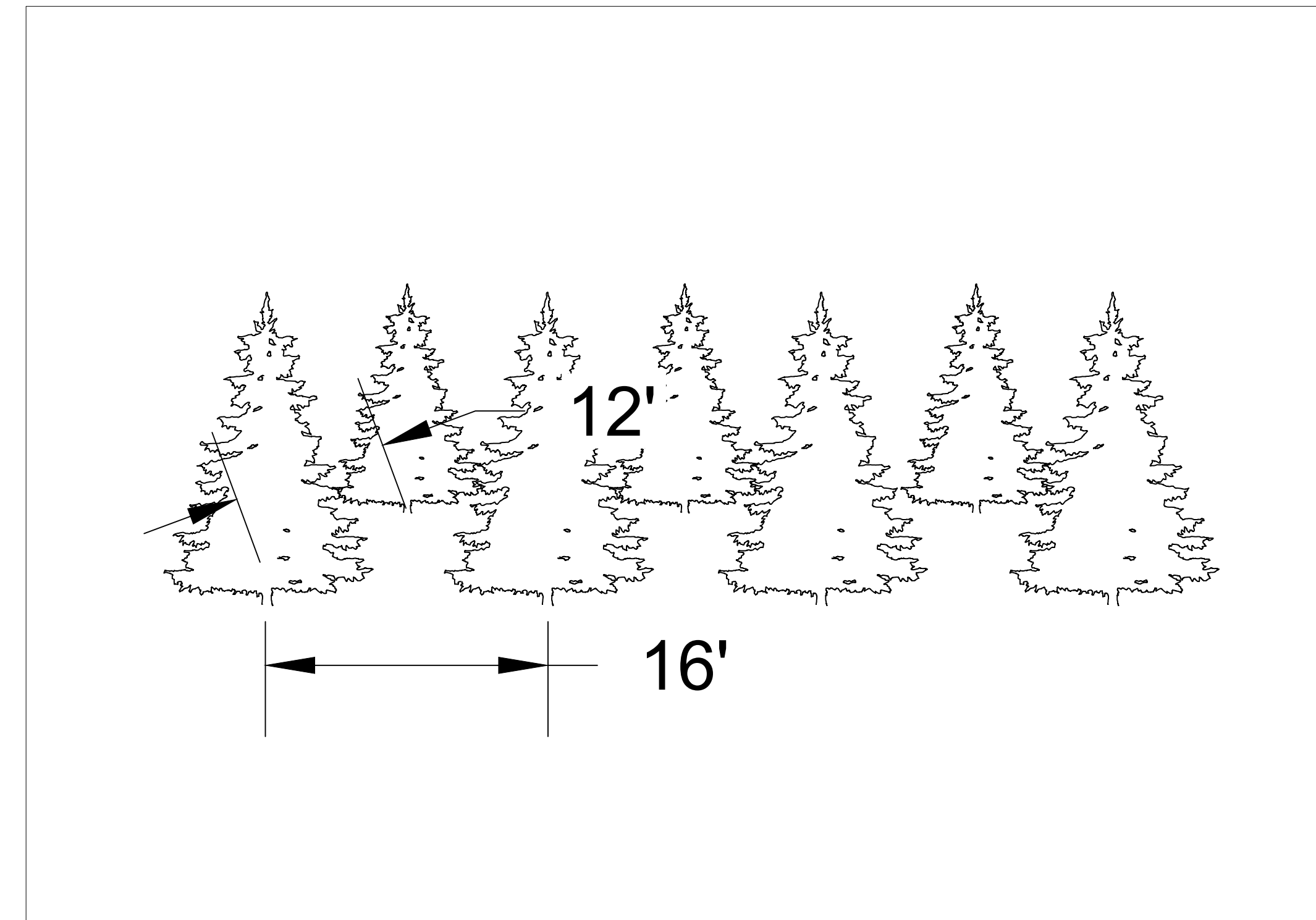
PLANTING SCHEDULE

TYPE : BLACK HILLS SPRUCE

HEIGHT : 6' MIN WITHIN 3 YEARS OF PLANTING

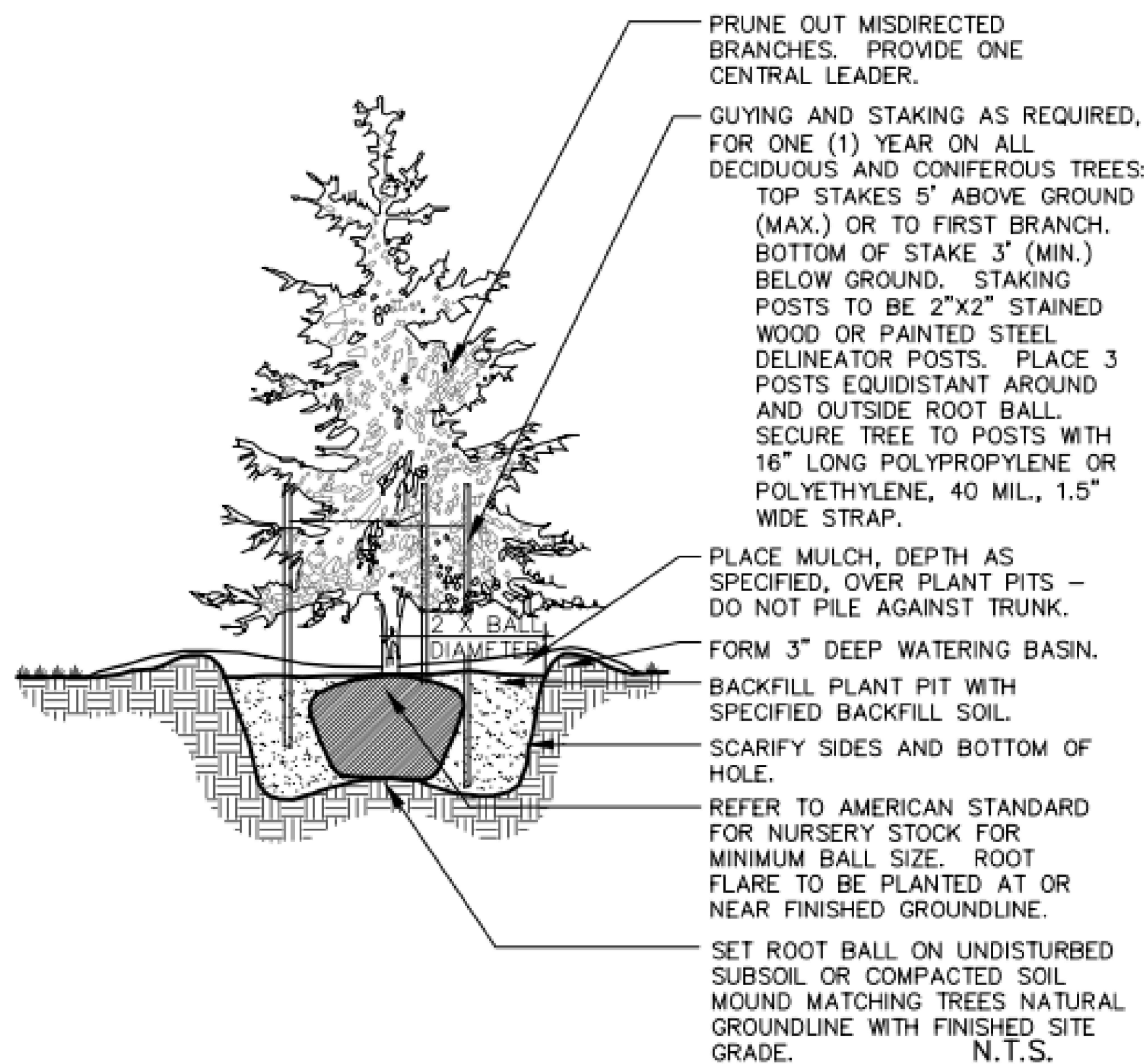
NUMBER OF ROWS: 2

SPACING: 16' O.C.



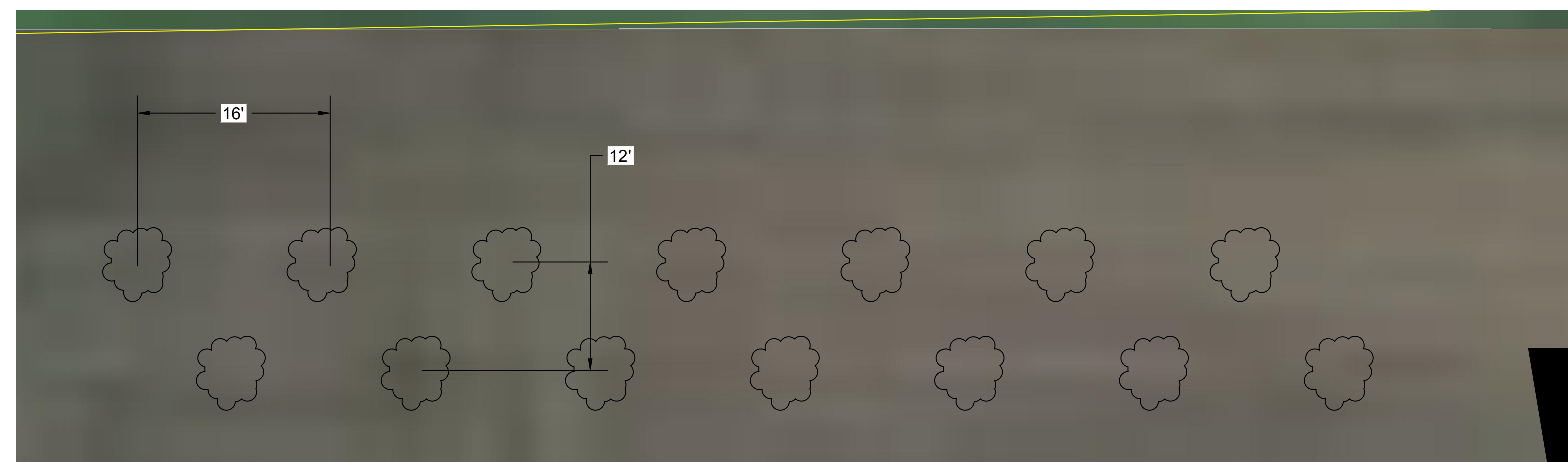
Scale: N.T.S.

1 BLACK HILLS SPRUCE SCREENING



Scale: N.T.S.

2 EVERGREEN PLANTING DETAIL



3 PLAN VIEW

1" = 8'

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

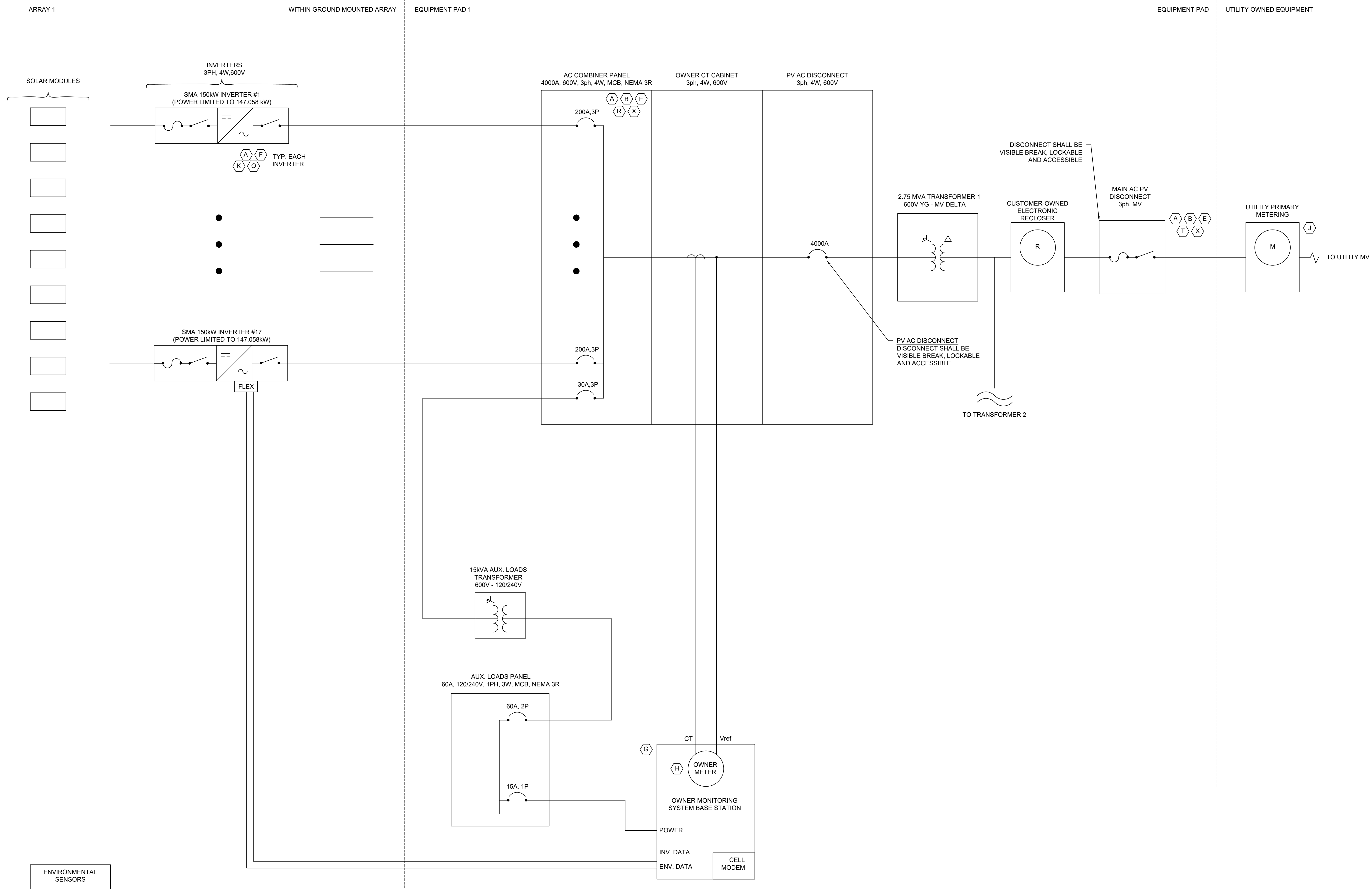
SINGLE LINE

SCALE ¹

NTS

SHEET

E1A



NOTE:
A INDICATES LABEL REQUIRED, SEE DWG E2

NOTE: SMA INVERTERS ARE UL1741 CERTIFIED

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

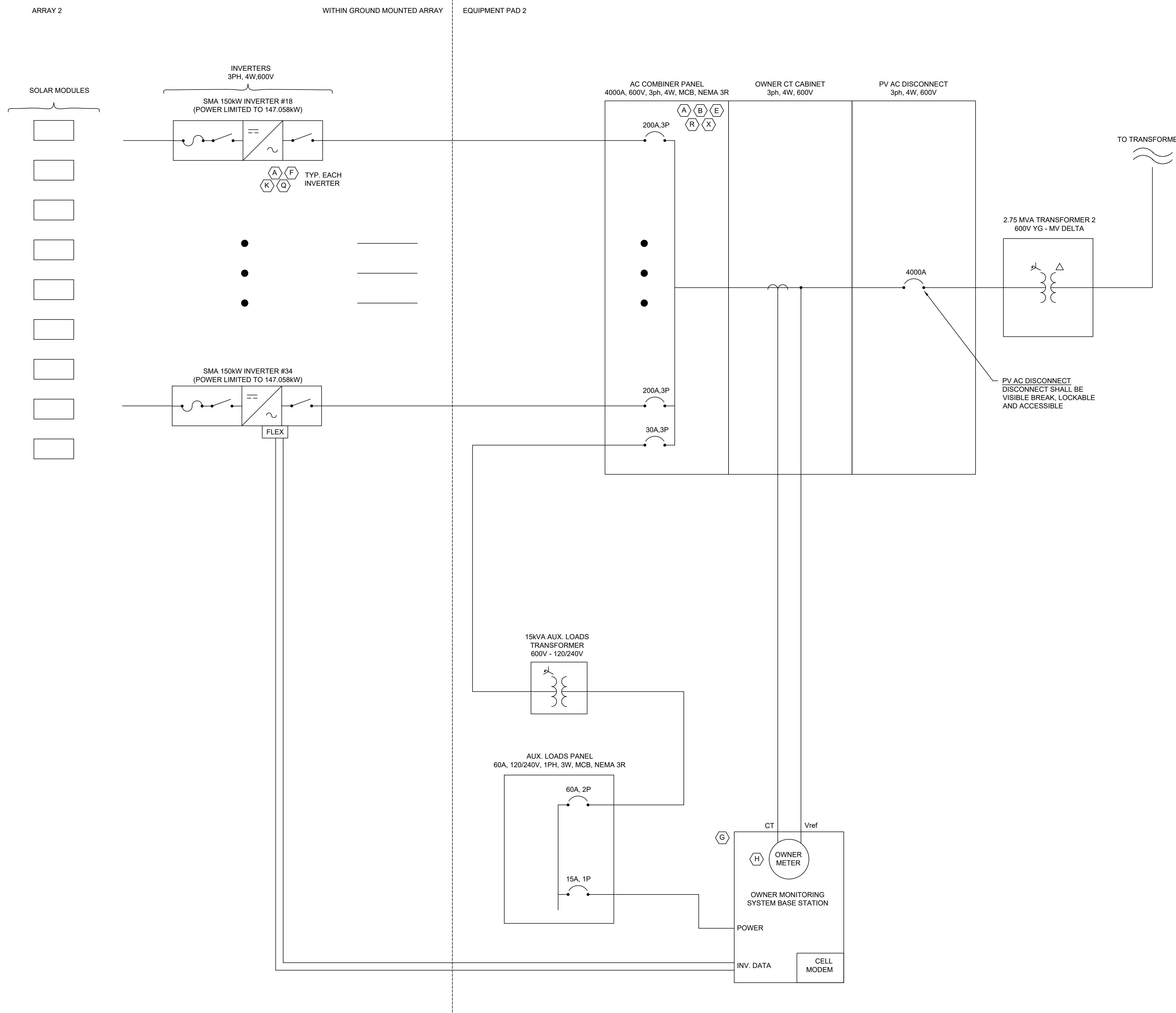
SINGLE LINE

SCALE ¹

NTS

SHEET

E1B



NOTE:
A INDICATES LABEL REQUIRED, SEE DWG E2

NOTE: SMA INVERTERS ARE UL1741 CERTIFIED

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

SYSTEM LABELS A

SCALE¹

NTS

SHEET

E2A

A **WARNING**
ELECTRIC SHOCK HAZARD
TERMINALS ON THE LINE AND LOAD SIDES
MAY BE ENERGIZED IN THE OPEN POSITION

B **WARNING**
ARC FLASH AND SHOCK HAZARD
APPROPRIATE PPE REQUIRED
____ NOMINAL SYSTEM VOLTAGE
____ FLASH HAZARD BOUNDARY
____ CAL/CM² FLASH HAZARD AT 18"
____ ARC FLASH PPE CATEGORY
____ LIMITED APPROACH
____ RESTRICTED APPROACH
____ PROHIBITED APPROACH

C **WARNING**
POWER SOURCE OUTPUT CONNECTION
DO NOT RELOCATE THIS OVERCURRENT
DEVICE.

D **WARNING**
THIS EQUIPMENT FED BY MULTIPLE
SOURCES. TOTAL RATING OF ALL
OVERCURRENT DEVICES EXCLUDING MAIN
SUPPLY OVERCURRENT DEVICE SHALL NOT
EXCEED AMPACITY OF BUSBAR.

E **WARNING**
TURN OFF PHOTOVOLTAIC AC DISCONNECT
PRIOR TO WORKING INSIDE PANEL

F
____ MAXIMUM VOLTAGE
____ MAXIMUM CIRCUIT CURRENT

____ MAXIMUM RATED OUTPUT CURRENT OF
THE CHARGE CONTROLLER OR
DC-TO-DC CONVERTER (IF INSTALLED)

G SOLAR DATA & MONITORING

H CUST. GENERATION METER

J UTILITY BILLING METER

K XXkW INVERTER #X
____ OUTPUT CURRENT
____ OPERATING VOLTAGE

L
____ MAXIMUM OPERATING VOLTAGE
____ EQUALIZATION VOLTAGE
____ POLARITY OF GROUNDED CONDUCTOR

M SOLAR AC COMBINER
PANEL #1
____ OUTPUT CURRENT
____ OPERATING VOLTAGE
NEUTRAL WIRE IS SIZED PER EGC FOR
CURRENT SENSING ONLY. DO NOT
CONNECT ADDITIONAL LOADS TO
ACCUMULATION PANEL WITHOUT PROPER
ENGINEERING SUPERVISION AND PV
SYSTEM OWNER'S FORMAL APPROVAL

N WARNING: PHOTOVOLTAIC
POWER SOURCE

O RAPID SHUTDOWN SWITCH
FOR SOLAR PV SYSTEM

- GENERAL NOTES:
- Detail such as voltage, ampere, etc. for each labels shall be included in the "Approved for construction" drawing.
 - Calculated values for Arc Flash label will be provided in the "Approved for construction" drawing.

P PV SOLAR AC DISCONNECT

Q PV SOLAR DC DISCONNECT

R UTILITY PV SYSTEM AC
DISCONNECT
____ OUTPUT CURRENT
____ OPERATING VOLTAGE

S PV SYSTEM AC
DISCONNECT
____ OUTPUT CURRENT
____ OPERATING VOLTAGE

T MAIN PV SYSTEM AC
DISCONNECT
____ OUTPUT CURRENT
____ OPERATING VOLTAGE

U SOLAR SYSTEM POINT OF
INTERCONNECTION
____ OUTPUT CURRENT
____ OPERATING VOLTAGE

V CAUTION
POWER TO THIS SERVICE IS ALSO SUPPLIED
FROM THE FOLLOWING SOURCES WITH
DISCONNECTS LOCATED AS SHOWN

SYSTEM SPECIFICATIONS	
SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA	
MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

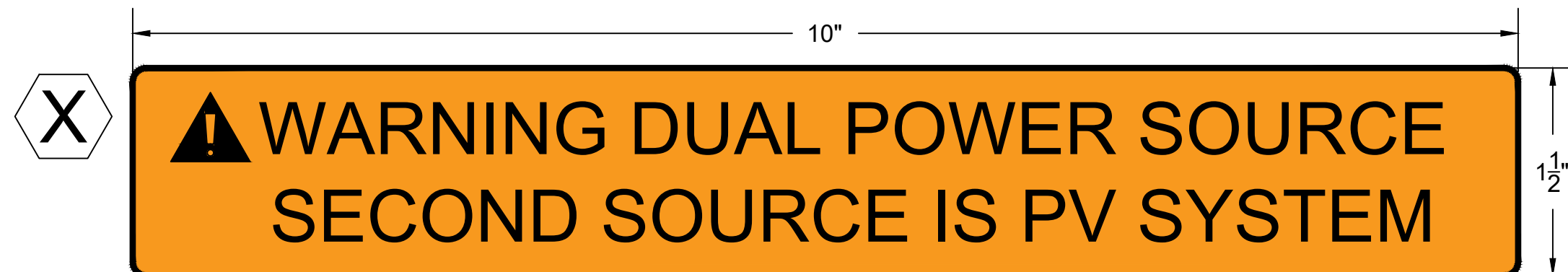
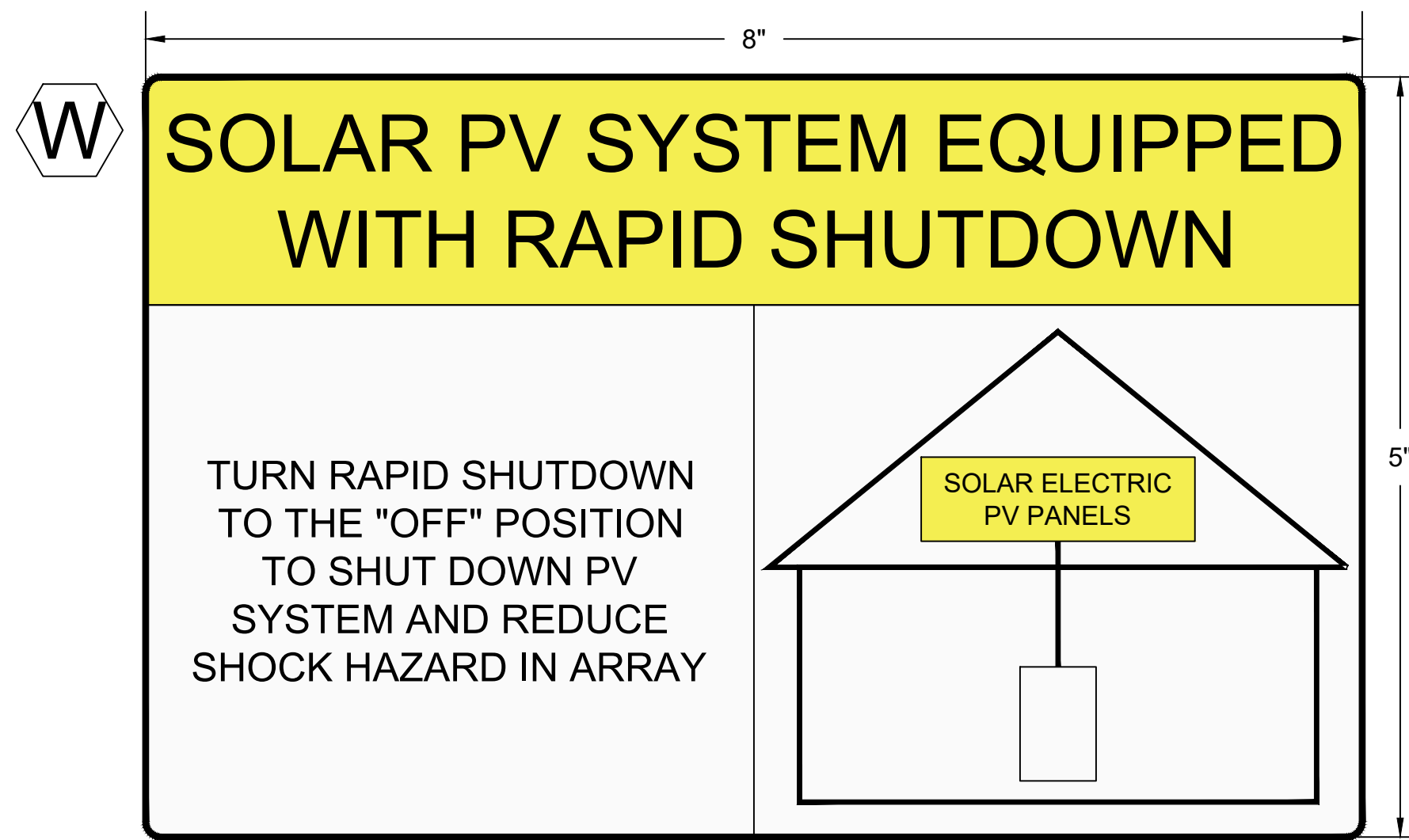
REVISIONS			
#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME
SICILIANO

DRAWING TITLE
SYSTEM LABELS B

SCALE ¹
NTS

SHEET
E2B



GENERAL NOTES:

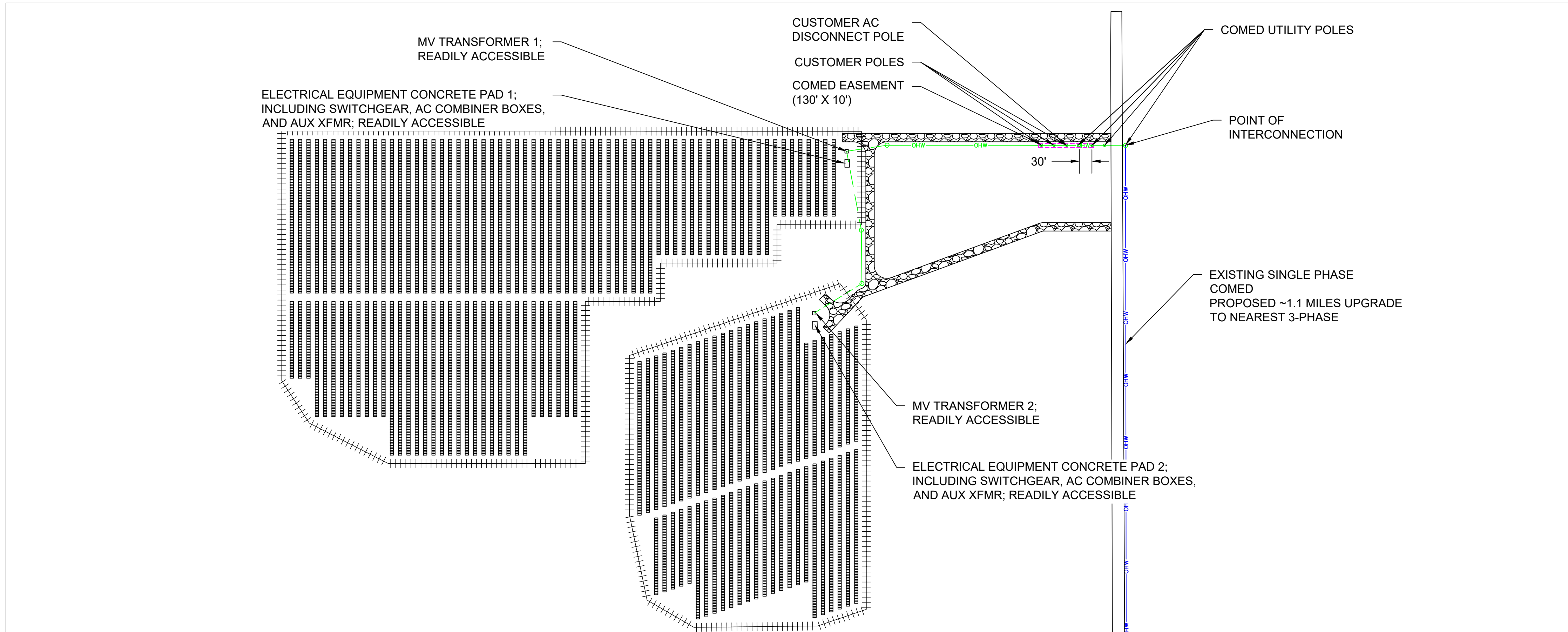
- (1) ALL LABELS MUST COMPLY WITH 2020 NEC 110.21(B):
- (2) LABELS AS PROVIDED AND NOTED ON THIS SHEET MEET WARNING, EFFECTIVE WORDING AND COLOR/SYMBOL REQUIREMENTS
- (3) LABELS SHALL BE PERMANENTLY AFFIXED TO EQUIPMENT OR WIRING METHOD
- (4) LABELS SHALL BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED. STICKERS OF PROPER DURABILITY AND ADHESION ARE PREFERRED. REFERENCE ANSI Z535.4-2011 FOR GUIDELINES.

SPECIFIC LABEL NOTES:

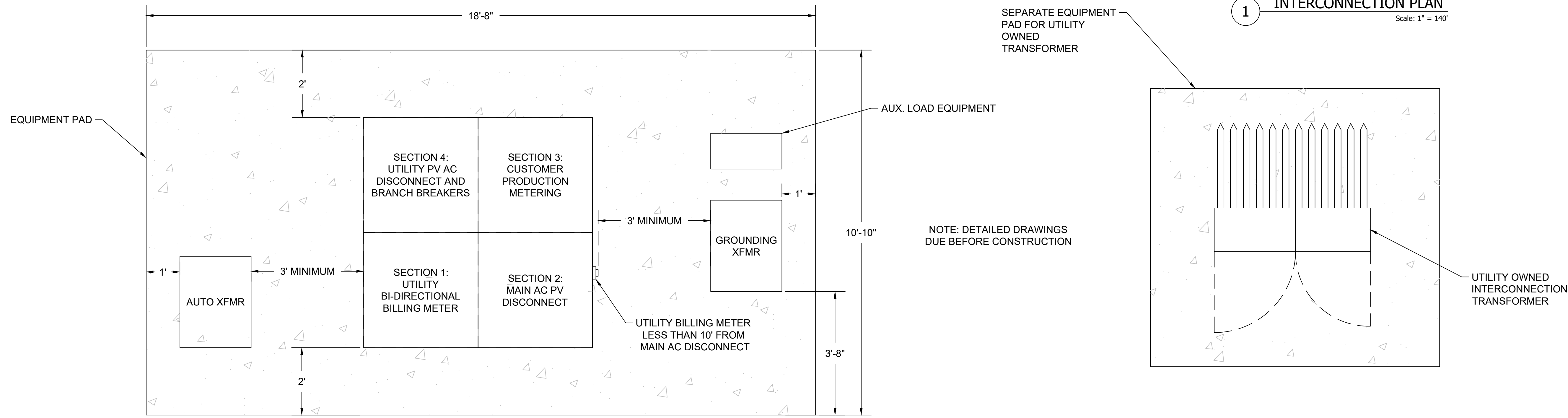
- A. 2020 NEC 690.13(D)
- B. 2020 NEC 110.16
- C. 2020 NEC 705.12(B)(1)(b)
- D. 2020 NEC 110.27(C)
- E. 2020 NEC 110.27(C)
- F. 2020 NEC 690.53
- G. UTILITY REQUIREMENT
- H. UTILITY REQUIREMENT
- I. LABEL REMOVED
- J. UTILITY REQUIREMENT
- K. 2020 NEC 690.54
- L. 2020 NEC 690.55
- M. LABEL FOR ACCUMULATION PANEL
- N. 2020 NEC 690.31(F)
- O. 2020 NEC 690.56(C)
- P. 2020 NEC 690.13(B)
- Q. 2020 NEC 690.13(B)
- R. 2020 NEC 690.54
- S. 2020 NEC 690.54
- T. 2020 NEC 690.13(B)
- U. LABEL FOR POINT OF INTERCONNECTION
- V. 2020 NEC 705.10 SYSTEM PLACCARD
- W. 2020 NEC 690.56(C)(1)
- X. 2020 NEC 690.59

EQUIPMENT	LABELS
ACCUMULATION PANELS, COMBINER BOXES, PULL BOXES, ENCLOSURES	A, B, E, M
DC CONDUIT	N
RAPID SHUTDOWN	O, W
ENERGY STORAGE	L
INVERTERS	K
MONITORING EQUIPMENT	G
METERS	H, J, X
DC DISCONNECT	A, F, Q
AC DISCONNECT	A, B, E, O, P, R, S, T, X
POINT OF INTERCONNECTION	A, C, D, U, V, E

- SHEET NOTES:**
- Overhead line to underground service conductors detail - provided by utility
 - Fence Detail and Fence Grounding - provided in the civil engineering drawings



1 INTERCONNECTION PLAN
Scale: 1" = 140'



2 EQUIPMENT PAD PLAN
Scale: 3/4" = 1'

SPACE FOR PE STAMP:

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME
SICILIANO

DRAWING TITLE
ELECTRICAL DETAILS

SCALE
AS NOTED

SHEET
E3

SUNNY HIGHPOWER PEAK3 125-US / 150-US



SHP 125US20 / SHP 150US20



- | | | | |
|--|---|--|---|
| <p>Cost effective</p> <ul style="list-style-type: none"> Modular architecture reduces BOS and maximizes system uptime Compact design and high power density maximize transportation and logistical efficiency | <p>Maximum flexibility</p> <ul style="list-style-type: none"> Scalable 1,500 VDC building block with best-in-class performance Flexible architecture creates scalability while maximizing land usage | <p>Simple install, commissioning</p> <ul style="list-style-type: none"> Ergonomic handling and simple connections enable quick installation Centralized commissioning and control with SMA Data Manager | <p>Highly innovative</p> <ul style="list-style-type: none"> SMA Smart Connected reduces O&M costs and simplifies field service Powered by award winning enexOS cross sector energy management platform |
|--|---|--|---|

SUNNY HIGHPOWER PEAK3 125-US / 150-US

A superior modular solution for large-scale power plants

The PEAK3 1,500 VDC inverter offers high power density in a modular architecture that achieves a cost-optimized solution for large-scale PV integrators. With fast, simple installation and commissioning, the Sunny Highpower PEAK3 is accelerating the path to energization. SMA has also brought its field-proven Smart Connected technology to the PEAK3, which simplifies O&M and contributes to lower lifetime service costs. The PEAK3 power plant solution is powered by the enexOS cross sector energy management platform, 2018 winner of the Intersolar smarter E AWARD.

Technical Data	Sunny Highpower PEAK3 125-US	Sunny Highpower PEAK3 150-US
Input [DC]		
Maximum array power	187500 Wp STC	225000 Wp STC
Maximum system voltage	1500 VDC	1500 VDC
Rated MPPT voltage range	705 V ... 1430 V	880 V ... 1450 V
MPPT operating voltage range	684 V ... 1500 V	855 V ... 1500 V
MPPT trackers	1	1
Maximum operating input current	180 A	180 A
Maximum input short-circuit current	325 A	325 A
Output [AC]		
Nominal AC power	125000 W	150000 W
Maximum apparent power	125000 VA	150000 VA
Output phases / line connections	3 / 3 PE	3 / 3 PE
Nominal AC voltage	480 V	600 V
Compatible transformer winding configuration	Wye-grounded	Wye-grounded
Maximum output current	151 A	151 A
Rated grid frequency	60 Hz	60 Hz
Grid frequency / range	50 Hz, 60 Hz / ±4 Hz, ±4 Hz	50 Hz, 60 Hz / ±4 Hz, ±4 Hz
Power factor at rated power / adjustable displacement	1 / 0.0 leading ... 0.0 lagging	1 / 0.0 leading ... 0.0 lagging
Harmonics [THD]	<3%	<3%
Efficiency		
CEC efficiency	98.5 %	99.0 %
Protection and safety features		
Ground fault monitoring: Riso / Differential current	● / ●	● / ●
DC reverse polarity protection	●	●
AC short circuit protection	●	●
Monitored surge protection (Type 2): DC / AC	● / ●	● / ●
Protection class / overvoltage category (as per IEC 640)	1 / II	1 / II
General data		
Device dimensions [W / H / D]	770 / 630 / 444 mm (30.3 / 32.7 / 17.5 in.)	98 kg (216 lb)
Device weight	98 kg (216 lb)	98 kg (216 lb)
Operating temperature range	-25°C ... +60°C (13°F ... +140°F)	-25°C ... +60°C (13°F ... +140°F)
Storage temperature range	-40°C ... +70°C (40°F ... +158°F)	-40°C ... +70°C (40°F ... +158°F)
Audible noise emissions (full power @ 1m and 25°C)	<69 dBA	<69 dBA
Internal consumption at night	< 5 W	< 5 W
Topology	Transformerless	Transformerless
Cooling concept	CyPrCool (forced convection, variable speed fans)	CyPrCool (forced convection, variable speed fans)
Enclosure protection rating	Type 4X (as per UL 50E)	Type 4X (as per UL 50E)
Maximum permissible relative humidity (non-condensing)	100%	100%
Additional information		
Mounting	Rack mount	Rack mount
DC connection	Terminal lugs - up to 600 kcmil CU/Al	Screw terminals - up to 300 kcmil CU/Al
AC connection	LED indicator (Status/Fault/Communication)	●
SMA Speedrive (Bharat network interface)	● (2 x RJ45 ports)	●
Data protocols: SMA Modbus / SunSpec Modbus	● / ●	● / ●
Integrated Fleet Control / Q on Demand 24/7	● / ●	● / ●
On-grid capable / SMA Hybrid Controller compatible	- / ●	- / ●
SMA Smart Connected (proactive monitoring and service)	●	●
Certifications		
Certifications and approvals	UL 62109, UL 1998, CAN/CSA-C22 No.62109	FCC Part 15, Class A
FCC compliance	IEEE 1547, UL 1741 SA, CA 94.21, HECC Rule 14H	IEEE 1547, UL 1741 SA, CA 94.21, HECC Rule 14H
Grid interconnection standards	L/HVRT, L/HVRT, Vsk/Vsk, Vsk/Wsk, Frequency/Wsk, Ramp Rate Control, Fixed Power Factor	L/HVRT, L/HVRT, Vsk/Vsk, Vsk/Wsk, Frequency/Wsk, Ramp Rate Control, Fixed Power Factor
Advanced grid support capabilities	Warranty	5 years
Standard	Optional extensions	10 / 15 / 20 years
Type designation	SHP 125US20	SHP 150US20
Technical data as of May 2020	● Standard features	○ Optional features
	- Not available	

Toll Free +1 888 4 SMA USA
www.SMA-America.com
SMA America, LLC

powered by **Q.ANTUM DUO Z**

Q. PEAK DUO XL-G11.3/BFG 570-580

BIFACIAL DOUBLE GLASS MODULE WITH EXCELLENT RELIABILITY AND ADDITIONAL YIELD

- BIFACIAL ENERGY YIELD GAIN OF UP TO 20%**
Bifacial Q.ANTUM DUO Z combines cutting-edge cell separation and innovative wiring with Q.ANTUM Technology for higher yield per surface area, lower BOS costs, higher power classes, and an efficiency rate of up to 21.4%.
- LOW ELECTRICITY GENERATION COSTS**
Q.ANTUM DUO Z combines cutting-edge cell separation and innovative wiring with Q.ANTUM Technology for higher yield per surface area, lower BOS costs, higher power classes, and an efficiency rate of up to 21.4%.
- INNOVATIVE ALL-WEATHER TECHNOLOGY**
Optimal yields, whatever the weather, with excellent low-light and temperature behavior.
- ENDURING HIGH PERFORMANCE**
Long-term yield security with Anti-LOD, High-Spot Protect and Traceable Quality TraQ™.
- FRAME FOR VERSATILE MOUNTING OPTIONS**
High-tech aluminum alloy frame protects from damage, enables use of a wide range of mounting structures and is certified regarding IEC for high snow (5400Pa) and wind loads (2400Pa).
- A RELIABLE INVESTMENT**
Double glass module design enables extended lifetime with 12-year product warranty and improved 30-year performance warranty*.

THE IDEAL SOLUTION FOR:
Ground-mounted solar power plants

Engineered in Germany

MECHANICAL SPECIFICATION

Format	2468mm x 1134mm x 35mm (including frame)
Weight	34.4kg
Front Cover	2mm thermal pre-stressed glass with anti-reflection technology
Back Cover	2mm semi-tempered glass
Frame	Anodized aluminum
Cell	6 x 2R monocrystalline Q.ANTUM solar half cells
Junction box	53 200 mm x 32 400 mm x 15 80 mm
Cable	4mm² Solar cable (1 x 750mm, 1 x 1300mm)
Connector	SMA/RS485-End, Hanrae Q CELLS-HQ24-LP8

ELECTRICAL CHARACTERISTICS

POWER CLASS	570	575	580				
MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STC AND BEST* (POWER TOLERANCE ±0.1W / ±0.1%)							
Power at MPP ¹	P _{MPP} [W]	570	575	575	580	580	580
Short Circuit Current ²	I _{sc} [A]	13.90	14.27	13.92	14.80	13.95	14.80
Open Circuit Voltage ³	V _{oc} [V]	53.60	53.69	53.53	53.72	53.96	53.79
Current at MPP ⁴	I _{MPP} [A]	12.83	14.03	12.87	14.09	12.92	14.14
Voltage at MPP ⁴	V _{MPP} [V]	44.44	44.43	44.66	44.65	44.88	44.87
Efficiency ⁵	η [%]	20.8	22.8	21.0	23.0	21.2	23.2
*Efficiency of P _{MPP} and I _{sc} 70% ± 5% - Efficiency gain for rear side irradiation on top of STC (Rear side) - According to IEC 60904-1-2							
*Measurement tolerances P _{MPP} ± 3%, I _{sc} ± 5% at STC, 1000W/m², 1000W/m², 1000W/m², 1000W/m², 1000W/m², 1000W/m², 1000W/m², 1000W/m²							
MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NMOT ⁶							
Power at MPP	P _{MPP} [W]	429.3	432.9	431.6	431.6		
Short Circuit Current	I _{sc} [A]	10.87	10.89	10.91	10.91		
Open Circuit Voltage	V _{oc} [V]	50.60	50.63	50.66	50.66		
Current at MPP	I _{MPP} [A]	10.99	10.94	10.98	10.98		
Voltage at MPP	V _{MPP} [V]	42.53	42.71	42.89	42.89		
*1000W/m², NMOT, spectrum AM 1.5							
Q CELLS PERFORMANCE WARRANTY							
All data within measurement tolerance. All warranties in accordance with the warranty terms of the Q CELLS solar corporation of your respective country.							
PERFORMANCE AT LOW IRRADIANCE							
Typical module performance under low irradiance conditions in comparison to STC conditions (25°C, 1000W/m²).							
TEMPERATURE COEFFICIENTS							
Temperature Coefficient of I _{sc}	α [1/K]	+0.04	Temperature Coefficient of V _{oc}	β [1/K]	-0.27		
Temperature Coefficient of P _{MPP}	γ [1/K]	-0.34	Nominal Module Operating Temperature	NMOT [°C]	42 ± 3		
PROPERTIES FOR SYSTEM DESIGN							
Maximum System Voltage	V _{max} [V]	1500	PV module classification	Class II			
Maximum Reverse Current	I _r [A]	25	Fire Rating based on ANSI/UL 61720	C / TYPE 2 ⁹			
Max. Design Load, Pull/Push	[Pa]	5000 / 2400	Permitted Module Temperature on Continuous Duty	-40°C ... +85°C			
Max. Test Load, Pull/Push	[Pa]	5400 / 2400	*New Type is similar to Type 3 but with multi-frame				
QUALIFICATIONS AND CERTIFICATES							
IEC 61215:2016, IEC 61730:2016, The new year complies with DIN EN 50620.							
PACKAGING INFORMATION							
Vertical packaging	2468mm x 1134mm x 1270mm x 1114mm	20 pallets	10 pallets	31 modules			
Notes: Installation instructions must be followed. See the installation and operating manual or contact our technical service department for further information on approved installation and use of this product.							
Made in China							
Hanrae Q CELLS Australia Pty Ltd Suite 1, Level 1, 13 Blue Street, North Sydney, NSW 2060, Australia TEL: +61 (0) 2 9018 3031 FAX: +61 (0) 2 9018 3032 EMAIL: q-cells.australia@q-cells.com WEB: www.q-cells.com/au							

Engineered in Germany



PROJECT ENTITY: WILD CAT SOLAR 4 LLC - SICILIANO

NEW ENERGY EQUITY, LLC
2530 RIVA ROAD, SUITE 200
ANNAPOLIS, MD 21041
NEWENERGYEQUITY.COM
443-267-5012

PROJECT ADDRESS
28964 S PARK AVE
BEECHER, IL 60401

LAT: 41.365
LONG: -87.602

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TLT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME
SICILIANO

DRAWING TITLE
EQUIPMENT DOCUMENTS 1

SCALE¹
NTS

SHEET
E4

SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

EQUIPMENT DOCUMENTS 2

SCALE ¹

NTS

SHEET

E5

SPACE FOR PE STAMP:



Certificate of Compliance

Certificate: 80048527 Master Contract: 254141

Project: 80133054 Date Issued: 2022-07-05

Issued To: Hanwha Q.CELLS GmbH

17-21 Sonnenallee
Thalheim
Bitterfeld-Wolfen, Sachsen-Anhalt, 06766
Germany

Attention: Wiebke Engler

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: Tom Yang

PRODUCTS

CLASS - C531110 - POWER SUPPLIES Photovoltaic Modules and Panels
CLASS - C531190 - POWER SUPPLIES Photovoltaic Modules and Panels - Certified to US Standards

Photovoltaic Modules with Maximum System Voltage of 1000 V dc or 1500 V dc, Class II / Application Class A, Fire Resistance Class C, Module Fire Performance Type 1, Type 2 or Type 5 (for US), Module Types:
Q.PLUS L-G4.2 XXX (XXX = 305 to 375, in steps of 5W),
B.LINE PLUS L-G4.2 XXX (XXX = 305 to 375, in steps of 5W),
Q.PLUS BFR-G4.1 XXX (XXX = 270 to 295, in steps of 5W and 282W),
B.LINE PLUS BFR-G4.1 XXX (XXX = 270 to 295, in steps of 5W and 282W),
Q.PLUS DUO L-G5.2 XXX (XXX = 340 to 385, in steps of 5W),
B.LINE PLUS DUO L-G5.2 XXX (XXX = 340 to 385, in steps of 5W),
Q.PEAK DUO L-G5 XXX (XXX = 360 to 425, in steps of 5W),



Certificate: 80048527 Master Contract: 254141
Project: 80133054 Date Issued: 2022-07-05

B.LINE TRON ML-G1 XXX (XXX = 385 to 455, in steps of 5W),
Q.TRON BLK ML-G1 XXX (XXX = 385 to 445, in steps of 5W),
Q.TRON BLK ML-G1+ XXX (XXX = 385 to 445, in steps of 5W),
B.LINE TRON BLK ML-G1 XXX (XXX = 385 to 445, in steps of 5W),
Q.PEAK DUO XL-G11.2 XXX (XXX = 570 to 590, in steps of 5W),
Q.PEAK DUO XL-G11.3 XXX (XXX = 570 to 590, in steps of 5W),
Q.TRON-G1+ XXX (XXX = 340 to 380, in steps of 5W),
Q.TRON BLK-G1+ XXX (XXX = 340 to 380, in steps of 5W).

Notes:
1. All electrical data shall be shown as relative to standard test conditions (STC) (1000 W/m2 irradiance, (25 ± 2) °C, AM 1.5 according to IEC 60904-3).
2. Manufacturing tolerances are ±5% for voltage at open-circuit (Voc), ±5% for current at short-circuit (Isc) and ±3% for PV module maximum power (Pmax).

Module Type	Power Range (Watts)	Rated Maximum Power (Watts)	Open Circuit Voltage (V dc)	Short Circuit Current (A dc)	Rated Voltage (V dc)	Rated Current (A dc)
Q.PLUS L-G4.2 XXX B.LINE PLUS L-G4.2 XXX	305-405	305	44.66	9.21	35.63	8.58
		310	44.9	9.26	35.88	8.64
		315	45.14	9.31	36.18	8.71
		320	45.38	9.35	36.49	8.77
		325	45.62	9.4	36.78	8.84
		330	45.86	9.45	37.08	8.90
		335	46.10	9.50	37.36	8.97
		340	46.34	9.54	37.65	9.03
		345	46.58	9.59	37.93	9.10
		350	46.82	9.64	38.2	9.16
		355	47.06	9.68	38.48	9.23
		360	47.31	9.73	38.74	9.29
		365	47.55	9.78	39.01	9.36
		370	47.79	9.83	39.33	9.42
		375	48.03	9.87	39.62	9.49
		380	48.27	9.92	39.91	9.56
Q.PLUS BFR-G4.1 XXX B.LINE PLUS BFR-G4.1 XXX	270-295	275	38.72	9.35	31.36	8.77
		280	38.97	9.41	31.67	8.84
		282	39.10	9.50	31.40	9.00
		285	39.22	9.46	31.99	8.91
		290	39.48	9.52	32.29	8.98
		295	39.73	9.58	32.59	9.05
Q.PLUS DUO L-G5.2 XXX B.LINE PLUS DUO L-G5.2 XXX	340-385	340	45.89	9.69	37.40	9.09
		345	46.11	9.73	37.68	9.16



Certificate: 80048527 Master Contract: 254141
Project: 80133054 Date Issued: 2022-07-05

Module Type	Power Range (Watts)	Rated Maximum Power (Watts)	Open Circuit Voltage (V dc)	Short Circuit Current (A dc)	Rated Voltage (V dc)	Rated Current (A dc)
Q.TRON BLK ML-G1 XXX Q.TRON BLK ML-G1+ XXX B.LINE TRON BLK ML-G1 XXX	385-445	400	46.02	11.17	37.86	10.56
		405	46.06	11.20	38.13	10.62
		410	46.09	11.23	38.40	10.68
		415	46.12	11.26	38.67	10.73
		420	46.16	11.29	38.93	10.79
		425	46.19	11.32	39.19	10.84
		430	46.22	11.35	39.45	10.90
		435	46.26	11.38	39.70	10.96
		440	46.29	11.41	39.95	11.01
		445	46.33	11.44	40.20	11.07
		450	46.36	11.47	40.45	11.13
		455	46.39	11.50	40.69	11.18
		385	46.15	10.95	37.47	10.27
		390	46.18	10.98	37.75	10.33
		395	46.22	11.01	38.03	10.39
		400	46.25	11.04	38.31	10.44
		405	46.29	11.07	38.58	10.50
		410	46.32	11.10	38.85	10.55
		415	46.35	11.13	39.12	10.61
		420	46.39	11.16	39.39	10.66
Q.PEAK DUO XL-G11.2 XXX Q.PEAK DUO XL-G11.3 XXX	570-590	425	46.42	11.19	39.65	10.72
		430	46.45	11.21	39.91	10.77
		435	46.49	11.24	40.17	10.83
		440	46.52	11.27	40.42	10.89
		445	46.56	11.30	40.67	10.94
		570	53.59	13.49	44.46	12.82
		575	53.62	13.51	44.68	12.87
		580	53.64	13.54	44.90	12.92
		585	53.67	13.57	45.12	12.97
		590	53.70	13.59	45.33	13.01
Q.TRON-G1+ XXX	340-380	340	41.14	11.11	32.89	10.35
		345	41.17	11.14	33.15	10.41
		350	41.20	11.17	33.41	10.48
		355	41.24	11.21	33.68	10.54
		360	41.27	11.24	33.94	10.61
		365	41.30	11.27	34.20	10.67
		370	41.34	11.31	34.47	10.73
		375	41.37	11.34	34.73	10.80
		380	41.40	11.37	34.99	10.86



Certificate: 80048527 Master Contract: 254141
Project: 80133054 Date Issued: 2022-07-05

Module Type	Power Range (Watts)	Rated Maximum Power (Watts)	Open Circuit Voltage (V dc)	Short Circuit Current (A dc)	Rated Voltage (V dc)	Rated Current (A dc)
Q.TRON BLK-G1+ XXX	340-380	340	41.15	11.00	33.10	10.28
		345	41.18	11.03	33.37	10.34
		350	41.21	11.07	33.63	10.41
		355	41.25	11.10	33.90	10.47
		360	41.28	11.14	34.17	10.54
		365	41.31	11.17	34.43	10.60
		370	41.35	11.20	34.70	10.66
		375	41.38	11.24	34.96	10.73
		380	41.41	11.27	35.23	10.79
		385	41.45	11.31	35.50	10.86
Q.PEAK DUO BLK ML-G10+/TS XXX	385-405	390	45.23	11.07	36.62	10.65
		395	45.27	11.10	36.88	10.71
		400	45.30	11.14	37.13	10.77
		405	45.34	11.17	37.39	10.83

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 61730-1:19 Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction, 2019-12
CAN/CSA-C22.2 No. 61730-2:19 Photovoltaic (PV) module safety qualification – Part 2: Requirements for testing, 2019-12
UL 61730-1 1st Edition Photovoltaic (PV) Module Safety Qualification – Part 1: Requirements for Construction, 2017-12-04, revision date 2020-04-30
UL 61730-2 1st Edition Photovoltaic (PV) Module Safety Qualification – Part 2: Requirements for Testing, 2017-12-04, revision date 2020-04-30

Notes:

Products certified under Class C531110 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca



SYSTEM SPECIFICATIONS

SYSTEM SIZE DC	7.378 MW
SYSTEM SIZE AC	POWER LIMITED TO 5.000 MW
DC/AC RATIO	1.476
AZIMUTH	180°
TILT	+/- 52°
MODULE COUNT	12720
MODULE TYPE	HANWHA Q PEAK DUO XL-G11.3/BFG
MODULE STC RATING	580 W
INVERTER COUNT	34
INVERTER TYPE	SMA SUNNY HIGHPOWER PEAK-3 150kW
INVERTER POWER	POWER LIMITED TO 147.058 kW
RACKING	TBD
MONITORING	ALSO ENERGY

DESIGN CRITERIA

MIN/MAX TEMP.	-22°C / 33°C
WIND SPEED (ASCE 7-10)	105 MPH
BUILDING CATEGORY	I
EXPOSURE CATEGORY	C
GROUND SNOW LOAD	25 PSF
BUILDING HEIGHT	0'-0"

OTHER NOTES
E-911 ADDRESS TO BE APPLIED FOR WITH BUILDING PERMIT

NO POSITION, DISTANCE, OR CLEARANCE ISSUES WITH OVERHEAD ELECTRIC SERVICE LINES OR OTHER UTILITIES IN RELATION TO THE PV PANELS.

24/7 UNESCORTED KEYLESS ACCESS PROVIDED FOR ALL UTILITY ENERGY EQUIPMENT INCLUDING THE METERS AND AC DISCONNECT.

INTERCONNECTION TYPE: PRIMARY

REVISIONS

#	DESCRIPTION	BY	DATE
0	ORIGINAL DESIGN	SP	3/20/2023
1	CUP PACKAGE	SP	3/22/2023
2	ACCESS RD CHANGE	SP	4/5/2023
3	1.55 DC/AC RATIO CHANGE	SP	12/7/2023
4	SLD WYE-DELTA WYE	SP	3/14/2024
5	CUP REFRESH	SP	4/30/2024
6	GAS LINE ADDITION	SP	5/9/2024
7	VISUAL SCREENING PAGES	SP	5/28/2024
8			
9			
10			
11			

PROJECT NAME

SICILIANO

DRAWING TITLE

EQUIPMENT DOCUMENTS 3

SCALE ¹

NTS

SHEET

E6

SPACE FOR PE STAMP:

CERTIFICATE OF COMPLIANCE

Certificate Number 20190417-E210376
Report Reference E210376-20190328
Issue Date 2019-APRIL-17

Issued to: SMA Solar Technology AG
Sonnenallee 1
34266 Niestetal GERMANY

This certificate confirms that representative samples of STATIC INVERTERS, CONVERTERS AND ACCESSORIES FOR USE IN INDEPENDENT POWER SYSTEMS Permanently-connected, utility Interactive, 3-phase inverter, Models: SHP 150-US-20, SHP 125-US-20. (which are intended for DC input from photovoltaic modules)

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Please see addendum page
Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Bruce Mahlenholz
Bruce Mahlenholz, Director North American Certification Program
UL LLC



CERTIFICATE OF COMPLIANCE

Certificate Number 20190417-E210376
Report Reference E210376-20190328
Issue Date 2019-APRIL-17

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Standard(s) for Safety:

UL 62109-1, Safety of power converters for use in photovoltaic power systems – Part 1: General requirements.

CSA C22.2 No. 62109-1 Safety of power converters for use in photovoltaic power systems - Part 1: General requirements.

CSA C22.2 No. 62109-2 Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters.

Bruce Mahlenholz
Bruce Mahlenholz, Director North American Certification Program
UL LLC





August 16, 2024

Beecher Plan Commission

Re: Proposed Development – Wild Cat Solar 4 LLC, Siciliano Community
Solar Garden

30200 Town Center Rd
Beecher, IL 60401

Supervisor

Michael Stanula

Assessor

Pat Peters

Highway Commissioner

Michael Smith

Clerk

Joe Burgess

Trustees

Tracy Heldt

Teresa Peterson

George Obrdovich

Mark Herlitz

Dear Commissioners

The following letter shall address the Washington Township Board of Trustees' concerns regarding the zoning case.

We do not recommend the Zoning request nor the Special Use Variances for a Solar Farm. We are familiar with so called "Solar Farms". They continue to scar the landscape, replacing farmland which benefit our residents both regionally as well as nationally. Solar Farms benefit a select few and provide large profits to the developers. The long-term effects of solar farms have yet to be seen. The present effects we do know include migratory bird and wildlife disruption, loss of crop land and un-natural soil warming. Many components of the solar panels are also not recyclable once the life cycle of the equipment has ended. The longevity of the start-up solar developers to provide long term service and restoration of the property back to original ground is yet to be seen.

Solar Farm developers believe that if they put their projects out in the country no one will notice. We as a township do indeed notice, however we have our hands tied, due to state legislation, which limits our control over wind and solar energy projects, the best that we can do is to state our point of view and make recommendations.

The Siciliano Community Solar Garden (it's not a garden) project as proposed is to be in Beechers' backyard. Hopefully the residents of Nantucket Cove will notice.

I have attached the last two correspondence letters sent to Will County Planning expressing our concerns over recent solar projects. Once a case number has been assigned to this project, I will do the same.

Michael Stanula- Washington Township Supervisor

Cc: Village of Beecher Board of Trustees

Judy Ogalla, Chairman of the Will County Board

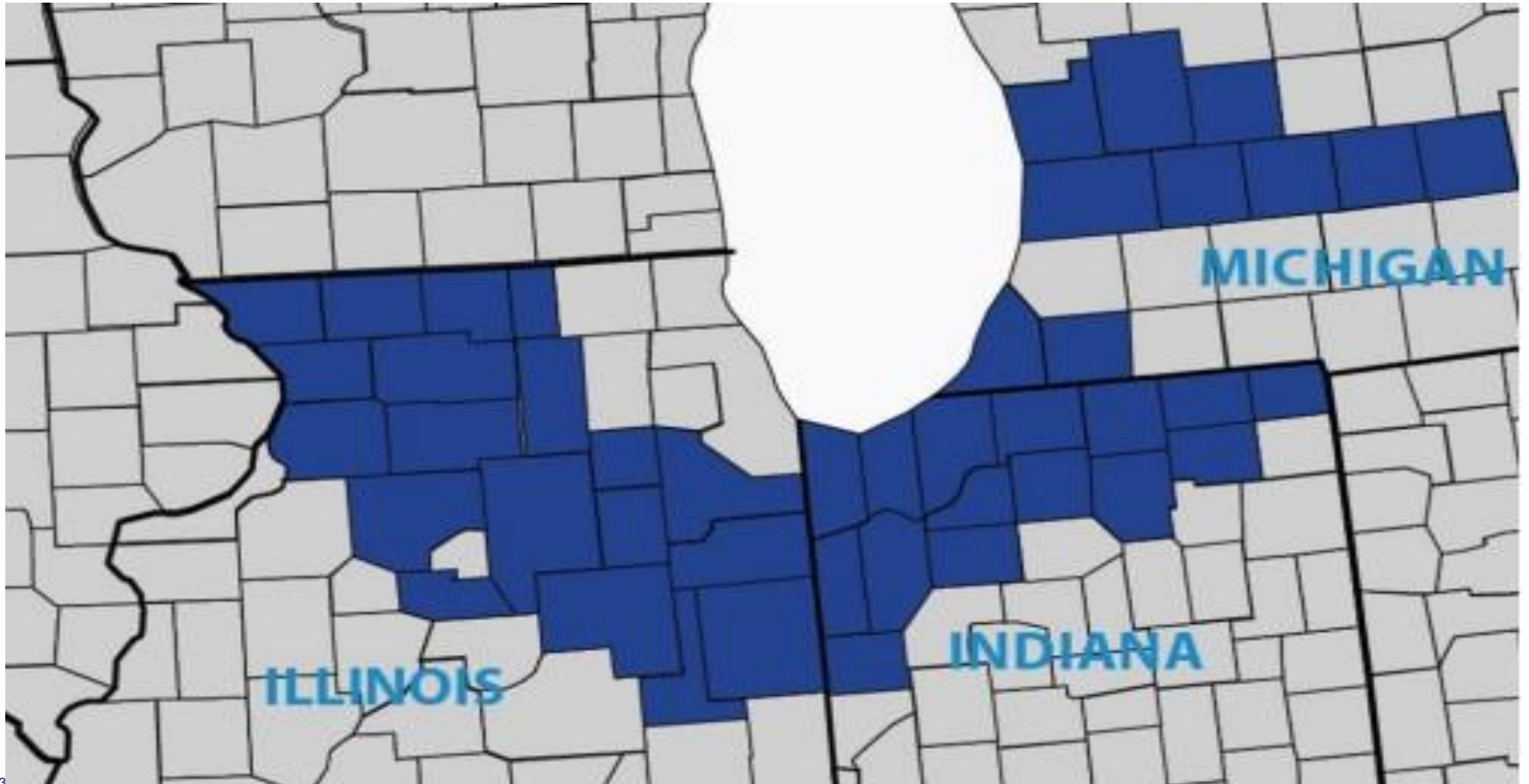


SURF Internet

Lighting Up Communities!

Surf Internet:

- Three decades of innovation, connecting people to what they love, and providing broadband connectivity
- Registered utility and ISP
- Over 200 employees in three states
- Among the Largest providers of broadband to schools
- Over 100,000 passings
- In 100+ communities
- Funded with mix of corporate, private equity and grants



Surf Internet Core Values

- Reliability - people, network, customers
- Integrity – culture, management, partners, suppliers
- Innovation – revolutionary, creative, transformative
- Illumination – LIGHTING UP COMMUNITIES

Surf Internet Mission

- To transform the future of communities with high-speed reliable connectivity. We believe when this is made possible it becomes the great equalizer.

Why Fiber?

- Speed and Bandwidth
- Unlimited Capacity
- Symmetrical Speeds
- Number of Devices / Future Innovation

- Review the initial build plan / high level plans
- Construction: buried vs aerial
- Guidance from city on footprint and the process to get started
- Locates: sewer, water, gas, electric
- Permit Process
- Potential Construction Start Date
- Resident pre-construction notification process
- Construction process overview

- Buried vs Aerial Construction
 - ROW, right of way, or Utility Easement
 - Is there any rear easement?
- Buried Construction
 - Permitting Process
 - Make Ready Process: Comms & Power

Locates and Permitting

- Locates:
 - Sewer
 - Water
 - Gas
 - Electric
- Permit Process:
 - What type of permits does the city require
 - General communication with the city

Walkout & Design

- Surf will walkout the town to assist in design
- Low level design will be completed
- Needs to consider in the design

Active Cabinet (Electronics Cabinet Placement)

- Normally place within the Right of Way
- We notify the city of our recommended placement
- Suggestions from the city are always welcome

Construction Yard:

- Does the city have a location we can use to store material during the construction process



Resident Pre-construction Notification Process



Once we are notified that construction will begin in approximately 2-weeks, Surf triggers notifications to be sent to residents along with signage to be placed at and around the area.

Letters are sent to all residential addresses within a project area. It takes approximately 10 days for the letter to process and be delivered.

The letter has three main functions:

1. To inform residents that construction will begin in their neighborhood soon.
2. To explain what to expect during the construction process.
3. To provide information on how to sign up for notifications and how to contact Surf with questions or concerns.

Along with the letter, an email notification is also sent out in the automated workflow to any residents for whom we may already have an existing email address.

Email notifications will be received the same day they are sent.

The email is a pared-down version of the construction letter and is intended to be an additional touch-point in case someone misses the notification letter.



FIBER IS COMING!

Hello Neighbor,

We're excited to announce that Surf Internet, with **speeds up to 1 Gig**, is coming to your neighborhood. You'll soon enjoy a fast, reliable internet connection for work, school, and everyday life.

Rest assured, we're committed to making the construction phase a smooth process as our Surf-authorized contractors build out your neighborhood. We have a variety of resources that can provide more information on the process and give you an idea of what to expect as we pass through.

[Learn more](#) about Surf Internet.



[Learn more](#) about our construction and yard restoration processes, find valuable FAQs, and get project statuses.

Along with triggering notification letters and emails, construction signs will also be deployed throughout the project area. There are two types of construction signs placed in the neighborhood.

The first type is a 36"x24" sign placed at various intersections. Typically they are placed at intersections per approximately every 10 homes.

Construction Underway
Fiber internet coming soon!

Questions? Call: **1-844-445-SURF**
Visit: **SurfInternet.com/Construction**





Additional Signage is placed in contractor vehicles and both the conduit and fiber reels.



Construction Underway
Fiber internet coming soon!

Questions? Call: 1-844-445-SURF
Visit: [SurfInternet.com/Construction](https://www.surflinternet.com/Construction)

Authorized Contractor

888-274-6381

[SurfInternet.com](https://www.surflinternet.com)

Construction Process Overview and Customer Installation Experience



Underground: Directional Drilling



Placing Conduit



Pulling fiber into the conduit



Handholes that will be in residents yards & Install Process

Handhole in yard



Accessing the fiber to service the customer



Running the fiber drop to the house



Burying the drop- Final state



SURF 100

Reliable speed for standard activities like streaming and social media.

- ✔ 100 Mbps symmetrical upload & download speeds
- ✔ Free Whole-Home WiFi powered by eero™ (1 device included)
- ✔ No contracts
- ✔ Free expert installation
- ✔ Price-Lock for Life

SURF 500

Consistent, fast speed ideal for multi-device users, video conferencing, or multi-player gaming.

- ✔ 500 Mbps symmetrical upload & download speeds
- ✔ Free Whole-Home WiFi powered by eero™ (1 device included)
- ✔ No contracts
- ✔ Free expert installation
- ✔ Price-Lock for Life

SURF 1 GIG

Serious Surfing

Ideal for heavy users on multiple devices, 4K streaming, gaming and VR.

- ✔ 1 Gbps symmetrical upload & download speeds
- ✔ Free Whole-Home WiFi powered by eero™ (2 devices included)
- ✔ No contracts
- ✔ Free expert installation
- ✔ Price-Lock for Life

No Contracts / Price Lock for Life / No Connection Fee / No Additional Fees or Taxes

Additional Topics and Questions:

- Upcoming planned improvements
- Door to door
- Construction times / Ordinances
- Road cutting / boring
- Utility newsletter / communicating to residents
- Social Media
- Community Engagement
- Groundbreaking / Ribbon Cutting
- Project Kick Off / Tailgate Meetings

What next?

- Council / Public Meeting
- Walkout
- Detailed Plans
- Start Permit Process
- Share files and contacts



Thank you!