

PLAT OF SURVEY

ATTACHMENT "A" – Naperville Solar Site

LEGAL DESCRIPTION

PARCEL 1
THAT PART OF THE SOUTHWEST QUARTER OF SECTION 12, TOWNSHIP 37 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SOUTHWEST QUARTER; THENCE NORTH 88 DEGREES 00 MINUTES 00 SECONDS EAST ALONG THE NORTH LINE OF SAID SOUTHWEST QUARTER, A DISTANCE OF 2056.62 FEET; THENCE SOUTH 01 DEGREE 38 MINUTES 16 SECONDS EAST, 936.31 FEET; THENCE SOUTH 88 DEGREES 21 MINUTES 44 SECONDS WEST, 175.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 88 DEGREES 21 MINUTES 44 SECONDS WEST, 300.00 FEET; THENCE NORTH 01 DEGREE 38 MINUTES 16 SECONDS WEST, 223.37 FEET; THENCE NORTH 43 DEGREES 22 MINUTES 27 SECONDS EAST, 271.88 FEET; THENCE NORTH 84 DEGREES 41 MINUTES 46 SECONDS EAST, 107.93 FEET; THENCE SOUTH 01 DEGREE 38 MINUTES 16 SECONDS EAST, 422.48 FEET TO THE POINT OF BEGINNING; IN WILL COUNTY, ILLINOIS.

PARCEL 2
THAT PART OF THE SOUTHWEST QUARTER OF SECTION 12, TOWNSHIP 37 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SOUTHWEST QUARTER; THENCE NORTH 88 DEGREES 00 MINUTES 00 SECONDS EAST ALONG THE NORTH LINE OF SAID SOUTHWEST QUARTER, A DISTANCE OF 2056.62 FEET; THENCE SOUTH 01 DEGREE 38 MINUTES 16 SECONDS EAST, 502.61 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 01 DEGREE 38 MINUTES 16 SECONDS EAST, 433.70 FEET; THENCE SOUTH 88 DEGREES 21 MINUTES 44 SECONDS WEST, 175.00 FEET; THENCE NORTH 01 DEGREE 38 MINUTES 16 SECONDS WEST, 422.48 FEET; THENCE NORTH 84 DEGREES 41 MINUTES 46 SECONDS EAST, 175.36 FEET TO THE POINT OF BEGINNING; IN WILL COUNTY, ILLINOIS.

PARCEL 3
THAT PART OF THE SOUTH HALF OF SECTION 12, TOWNSHIP 37 NORTH, RANGE 9 EAST OF THE THIRD PRINCIPAL MERIDIAN DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF SAID SOUTHWEST QUARTER; THENCE NORTH 88 DEGREES 00 MINUTES 00 SECONDS EAST ALONG THE NORTH LINE OF SAID SOUTHWEST QUARTER, A DISTANCE OF 2056.62 FEET; THENCE SOUTH 01 DEGREE 38 MINUTES 16 SECONDS EAST, 399.96 FEET TO THE POINT OF BEGINNING; THENCE NORTH 88 DEGREES 20 MINUTES 54 SECONDS EAST, 387.10 FEET; THENCE SOUTH 29 DEGREES 40 MINUTES 33 SECONDS EAST, 526.78 FEET; THENCE SOUTH 43 DEGREES 21 MINUTES 15 SECONDS WEST, 614.92 FEET; THENCE SOUTH 88 DEGREES 19 MINUTES 55 SECONDS WEST, 199.96 FEET; THENCE NORTH 01 DEGREE 38 MINUTES 16 SECONDS WEST, 899.84 FEET TO THE POINT OF BEGINNING; IN WILL COUNTY, ILLINOIS.

ZONING INFORMATION

THE FOLLOWING INFORMATION IS FROM THE CITY OF NAPERVILLE ZONING ORDINANCE FOUND ON THE CITY OF NAPERVILLE WEBSITE.

PARCELS 1 AND 2 FALL WITHIN THE AREA ZONED R1 – LOW DENSITY SINGLE-FAMILY DISTRICT

PERMITTED AND CONDITIONAL USES:

FRONT YARD: 30 FEET

INTERIOR SIDE YARD: 20 FEET PLUS 1 FOOT FOR EACH 2 FEET BY WHICH THE BUILDING OR STRUCTURE HEIGHT EXCEEDS 28 FEET.

CORNER SIDE YARD: 30 FEET PLUS 1 FOOT FOR EACH 2 FEET BY WHICH THE BUILDING OR STRUCTURE HEIGHT EXCEEDS 28 FEET.

REAR YARD: 35 FEET

HEIGHT LIMITATION/BULK REGULATIONS: THE MAXIMUM HEIGHT FOR ALL BUILDINGS AND STRUCTURES IN THE R1 DISTRICT SHALL BE TWO AND ONE-HALF (2½) STORIES NOT TO EXCEED THIRTY-FIVE (35) FEET.

THE FOLLOWING INFORMATION IS FROM THE COUNTY OF WILL ZONING ORDINANCE FOUND ON THE WILL COUNTY WEBSITE.

THE SITE IS DESIGNATED OPEN SPACE.

FROM 155-6.20:

SP-PO, PARKS AND OPEN SPACE (SPECIAL PURPOSE) DISTRICT:

MINIMUM LOT AREA: NONE

MINIMUM LOT FRONTAGE: NONE

MINIMUM SETBACKS:

STREET (FROM CENTERLINE OF NON-DEDICATED ROAD): 50 FEET

STREET (FROM RIGHT OF WAY OF DEDICATED ROAD): 30 FEET

SIDE: 10 FEET

REAR: 30 FEET

MAXIMUM BUILDING HEIGHT: 45 FEET (MAXIMUM HEIGHT OF 35 FEET FOR BUILDINGS WITHIN 200 FEET OF ANY RESIDENTIAL DISTRICT/MAXIMUM HEIGHT OF 75 FEET FOR BUILDINGS LOCATED MORE THAN 200 FEET FROM RESIDENTIAL ZONING DISTRICT.)

MAXIMUM BUILDING COVERAGE: 20 PERCENT

LEGEND

- FOUND 7/8" O.D.I.P. UNLESS OTHERWISE NOTED (HELD LOCATION)
- CONCRETE MONUMENT
- ⊕ CROSS IN CONCRETE
- ⊙ MANHOLE
- ⊙ STORM STRUCTURE
- ⊙ SANITARY MANHOLE
- ⊙ CLEANOUT
- ▽ FLARED END SECTION
- ⊠ TRANSFORMER PAD
- ⊠ ELECTRIC MANHOLE
- ⊠ ELECTRIC BOX
- ⊠ ELECTRIC PEDESTAL
- ⊠ ELECTRIC METER
- ⊠ VALVE VAULT
- ⊠ FIRE HYDRANT
- ⊠ WATER METER
- ⊠ VALVE BOX
- ⊠ B/BOX
- ⊠ TELEPHONE MANHOLE
- ⊠ TELEPHONE NETWORK INTERFACE
- ⊠ TELEPHONE PEDESTAL
- ⊠ CABLE TELEVISION PEDESTAL
- ⊠ GAS METER
- ⊠ GAS VALVE
- ⊠ GATE POST
- ⊠ BOLLARD POLE
- ⊠ SIGN

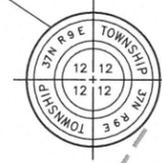
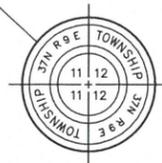
ABBREVIATIONS

- O.D.I.P. = OUTSIDE DIAMETER IRON PIPE
- TF = TOP OF FOUNDATION
- FF = FINISHED FLOOR
- FES = FLARED END SECTION
- VCP = VITRIFIED CLAY PIPE
- DIP = DUCTILE IRON PIPE
- PVC = POLYVINYL CHLORIDE
- RCP = REINFORCED CONCRETE PIPE
- CMP = CORRUGATED METAL PIPE
- (R) = RECORD BEARING OR DISTANCE
- (M) = MEASURED BEARING OR DISTANCE
- (C) = CALCULATED BEARING OR DISTANCE
- (D) = DEED BEARING OR DISTANCE
- A = ARC LENGTH
- R = RADIUS
- CH = CHORD
- CB = CHORD BEARING
- B.S.L. = BUILDING SETBACK LINE
- U.E. = UTILITY EASEMENT
- D.E. = DRAINAGE EASEMENT
- P.U.E. = PUBLIC UTILITY EASEMENT
- P.O.C. = POINT OF COMMENCEMENT
- P.O.B. = POINT OF BEGINNING
- P.U. & D.E. = PUBLIC UTILITY AND DRAINAGE EASEMENT

LINE LEGEND

- LIMITS OF LAND PER LEGAL DESCRIPTION
- ADJACENT LAND PARCEL LINE
- EASEMENT LINE
- CENTERLINE
- BUILDING SETBACK LINE
- SECTION LINE
- FLOOD ZONE LINE
- ZONING DIVISION LINE
- BITUMINOUS PAVEMENT
- CONCRETE SURFACE
- DEPRESSED CURB
- GRAVEL SURFACE
- WOOD FENCE
- CHAIN LINK FENCE
- METAL FENCE
- METAL GUARDRAIL

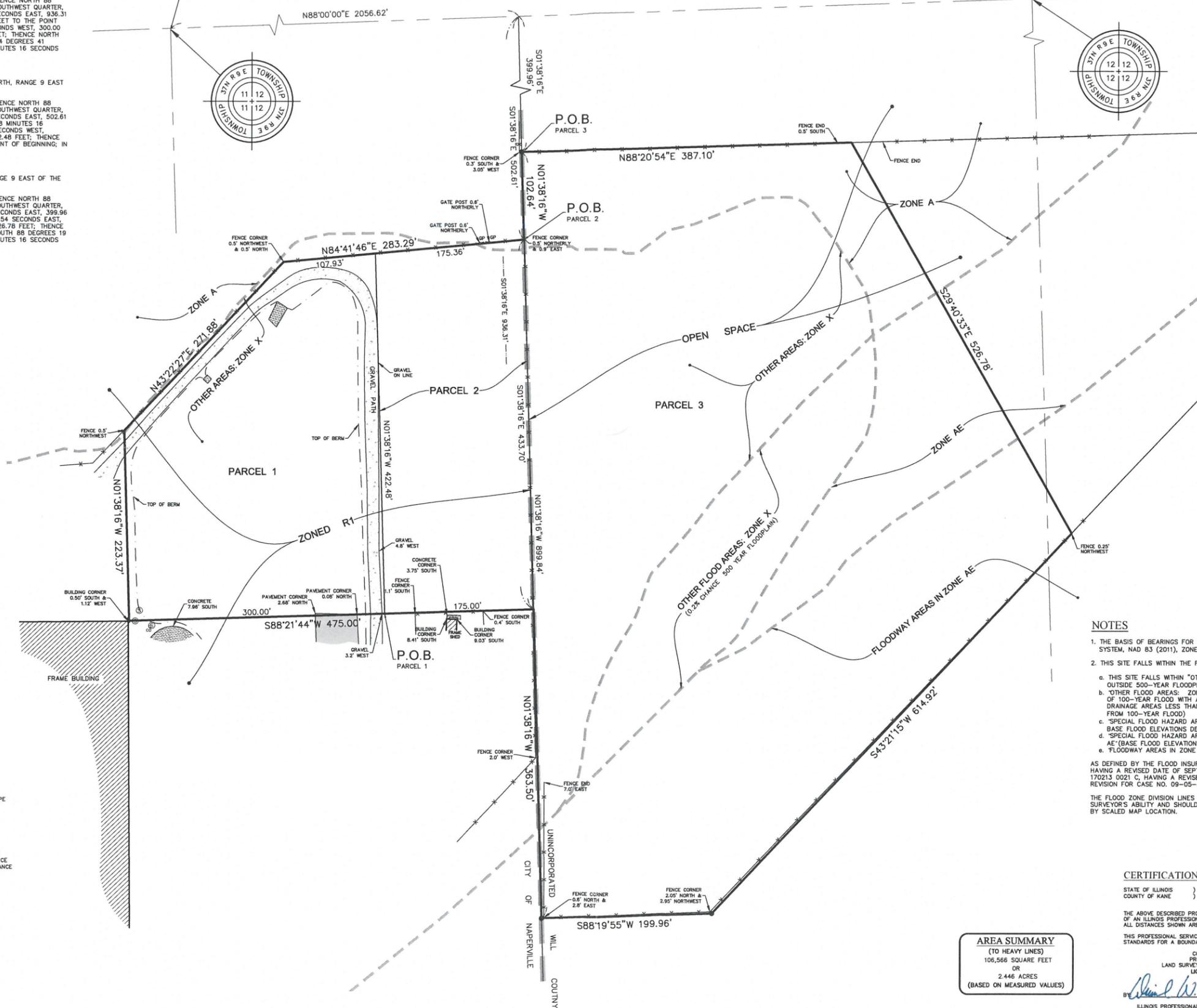
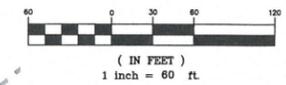
P.O.C.
FOUND IRON ROD
PER DOCUMENT NO. R2009060400



BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011), ZONE 1201 (ILLINOIS EAST)

GRAPHIC SCALE



NOTES

1. THE BASIS OF BEARINGS FOR THIS SURVEY IS THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD 83 (2011), ZONE 1201 (ILLINOIS EAST)
2. THIS SITE FALLS WITHIN THE FOLLOWING FLOOD ZONES:
 - a. THIS SITE FALLS WITHIN "OTHER AREAS: ZONE X" (AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN)
 - b. "OTHER FLOOD AREAS: ZONE X" (AREAS OF 500-YEAR FLOOD; AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE, AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD)
 - c. "SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD: ZONE A" (NO BASE FLOOD ELEVATIONS DETERMINED)
 - d. "SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD: ZONE AE" (BASE FLOOD ELEVATIONS DETERMINED)
 - e. FLOODWAY AREAS IN ZONE AE

AS DEFINED BY THE FLOOD INSURANCE RATE MAP, MAP NUMBERS 17197C0033 F, HAVING A REVISED DATE OF SEPTEMBER 22, 1999; AND COMMUNITY PANEL NUMBER 170213 0021 C, HAVING A REVISED DATE OF MAY 18, 1992; AND LETTER OF MAP REVISION FOR CASE NO. 09-05-308P HAVING AN EFFECTIVE DATE OF AUGUST 18, 2009.

THE FLOOD ZONE DIVISION LINES SHOWN HEREON ARE DEPICTED TO THE BEST OF THE SURVEYOR'S ABILITY AND SHOULD BE CONSIDERED APPROXIMATE. THEY ARE DEPICTED BY SCALED MAP LOCATION.

CERTIFICATION

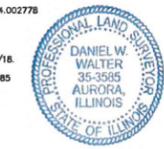
STATE OF ILLINOIS }
COUNTY OF KANE } SS

THE ABOVE DESCRIBED PROPERTY WAS SURVEYED UNDER THE DIRECTION OF AN ILLINOIS PROFESSIONAL LAND SURVEYOR ON SEPTEMBER 13, 2018. ALL DISTANCES SHOWN ARE IN FEET AND DECIMAL PARTS THEREOF.

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

COMPASS SURVEYING LTD.
PROFESSIONAL DESIGN FIRM
LAND SURVEYOR CORPORATION NO. 184-002778
LICENSE EXPIRES 4/30/19

BY *Daniel W. Walter* DATE: 9/13/18
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3585
LICENSE EXPIRES 11/30/18



AREA SUMMARY
(TO HEAVY LINES)
106,566 SQUARE FEET
OR
2.446 ACRES
(BASED ON MEASURED VALUES)

NO.	DATE	BY	REVISIONS

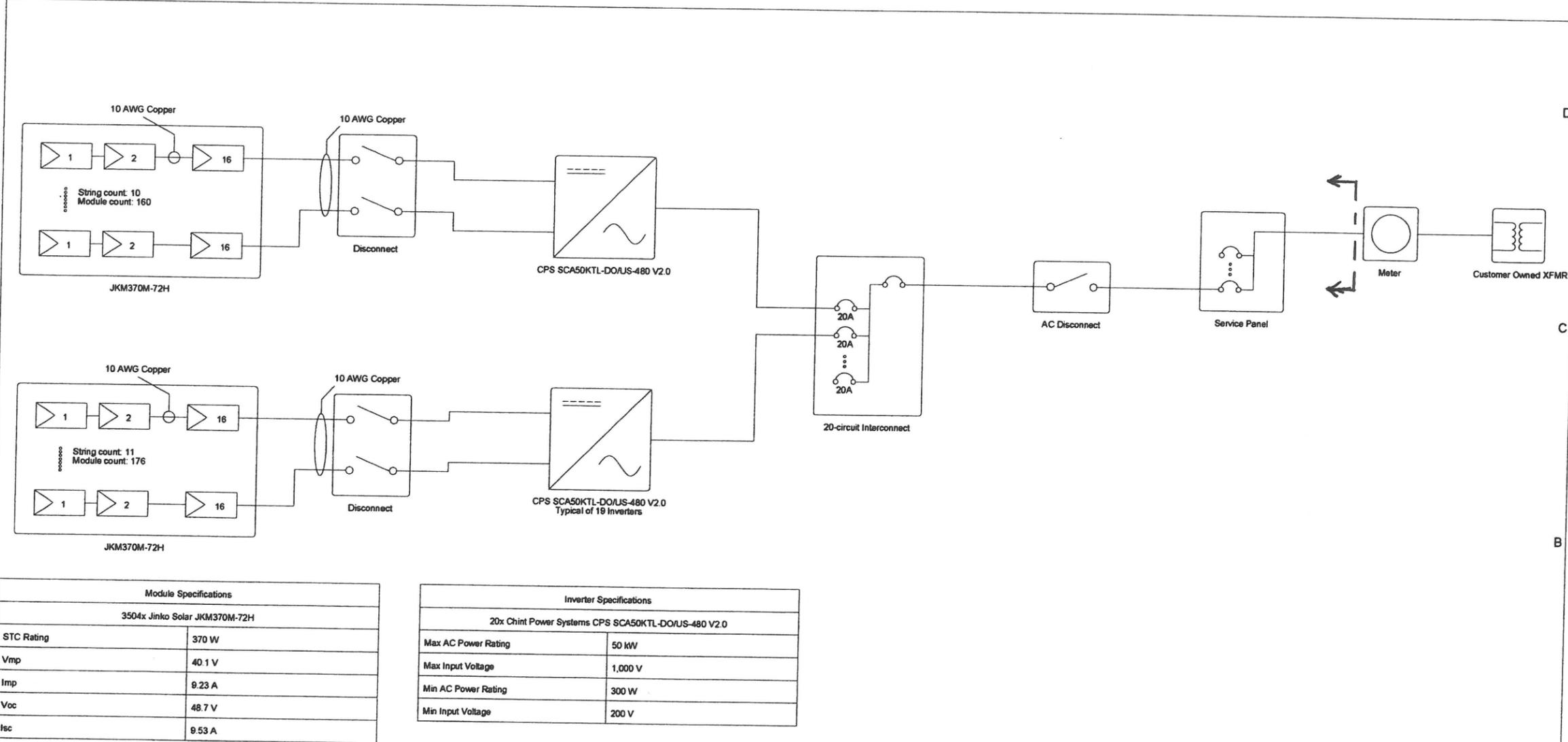
PROJECT	Springbrook Water Reclamation Center 3712 Highland / Naperville Road Naperville, IL
CLIENT	Illinois Municipal Electric Agency 3400 Center Drive Springfield, IL 62711

COMPASS SURVEYING LTD
ALTA SURVEYS • TOPOGRAPHY • CONSTRUCTION STAKING
2631 GINGER WISCONSIN PARKWAY, STE. 100
AURORA, ILLINOIS 60002
PHONE: (630)820-9100 FAX: (630)820-7000 EMAIL: ADMIN@COMPASSSURVEYING.COM



TOTAL SYSTEM DESCRIPTION	
MODULE TYPE	Jinko, JKM370M-72H
QUANTITY	3504
SYSTEM SIZE (DC)	1,300 kW
SYSTEM SIZE (AC)	1,000 kW
INVERTER	Chint, SCA50KTL-DO/US-480
TILT ANGLE	20°
AZIMUTH	180°

ATTACHMENT "C" – Naperville Solar Site



Module Specifications	
3504x Jinko Solar JKM370M-72H	
STC Rating	370 W
Vmp	40.1 V
Imp	9.23 A
Voc	48.7 V
Isc	9.53 A

Inverter Specifications	
20x Chint Power Systems CPS SCA50KTL-DO/US-480 V2.0	
Max AC Power Rating	50 kW
Max Input Voltage	1,000 V
Min AC Power Rating	300 W
Min Input Voltage	200 V

Project: 11/22/2010 10:30:00 AM
 C:\Users\jgarcia\Documents\Projects\112210\112210.dwg
 User: jgarcia
 Title: 11/22/2010 10:30:00 AM



1101 Connecticut Ave NW,
Second Floor
Washington, DC 20036

(C), 2017 SOL SYSTEMS, LLC & IT'S
AFFILIATES, ALL RIGHT RESERVED

PROJECT NAME

IMEA Naperville

10183 Plainfield-Naperville Rd
Naperville IL 60564

PROJECT NUMBER

PROPOSAL SUBMITTAL

REVISION	NO	DATE

SOLAR ELECTRIC SYSTEM CLIENT:

DESIGNER:	ED	DATE:	12/9/2010
MANAGER:		DATE:	
ENERGY CONSULTANT:		DATE:	

SHEET NO.

1 OF 1

SCALE:

PRELIMINARY DESIGN
NOT FOR CONSTRUCTION.

THIS DRAWING IS THE PROPERTY OF SOL SYSTEMS, LLC. THIS INFORMATION IS CONFIDENTIAL AND IS TO BE USED ONLY IN CONNECTION WITH WORK DESCRIBED BY SOL SYSTEMS, LLC. NO PART IS TO BE DISCLOSED TO OTHERS WITHOUT WRITTEN PERMISSION FROM SOL SYSTEMS, LLC.