

GENERAL NOTES

GENERAL NOTES PLACEHOLDER

NEW PV SYSTEM: 7200.000 kWp

PIERCE RESIDENCE

206 5TH STREET KREMLIN,
OK 73753

ASSESSOR'S #: 643000011001004000

01

AERIAL PHOTO

NOT TO SCALE

02

PLAT MAP

NOT TO SCALE

SCOPE OF WORK:

SYSTEM SIZE:

STC: 24 X 300.0W = 7200.000 KW PTC: 24 X 277.2W = 6652.800 KW DC (24) PEIMAR SM325M (FB) (1) 60M HOME PV 300 HELIENE (600V)

ATTACHMENT TYPE:

ATTACHMENTS.SVG

MSP UPGRADE:

NO

SHEET LIST

SHEET NUMBER	SHEET TITLE
T-001	COVER PAGE
G-001	NOTES
A-102	ELECTRICAL PLAN
E-601	LINE DIAGRAM

PROJECT INFORMATION

OWNER

NAME: JOHN PIERCE

PROJECT MANAGER

NAME: TIM DOHERTY

PHONE: (248)-990-7186

CONTRACTOR

NAME: STRAWBERRY SOLAR

PHONE: (313)-960-7900

AUTHORITIES HAVING JURISDICTION

BUILDING: KREMLIN TOWN

ZONING: KREMLIN TOWN

UTILITY: OKLAHOMA GAS & ELECTRIC (OG&E;)

DESIGN SPECIFICATIONS

OCCUPANCY: 20EFEE0AF-B147-4AF0-ADDE-9B46B61C8F8E

CONSTRUCTION: RESIDENTIAL

ZONING: RESIDENTIAL

GROUND SNOW LOAD: 15.0

WIND EXPOSURE: B

WIND SPEED: 115.0

APPLICABLE CODES & STANDARDS

BUILDING: ,

ELECTRICAL: NEC 2011

FIRE: IFC 2018

STRAWBERRY SOLAR

CONTRACTOR

Strawberry Solar

PHONE: (313)-960-7900

ADDRESS: 4444 2ND AVENUE WAYNE
COUNTY DETROIT, MI 48201

LIC.NO.: 2101211279

HIC.NO.:

ELE.NO.:

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DAMAGES AND PROSECUTIONS.

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OK 73753

APN: 643000011001004000

ENGINEER OF RECORD

PAPER SIZE: 11" x 17" (ANSI B)

COVER PAGE

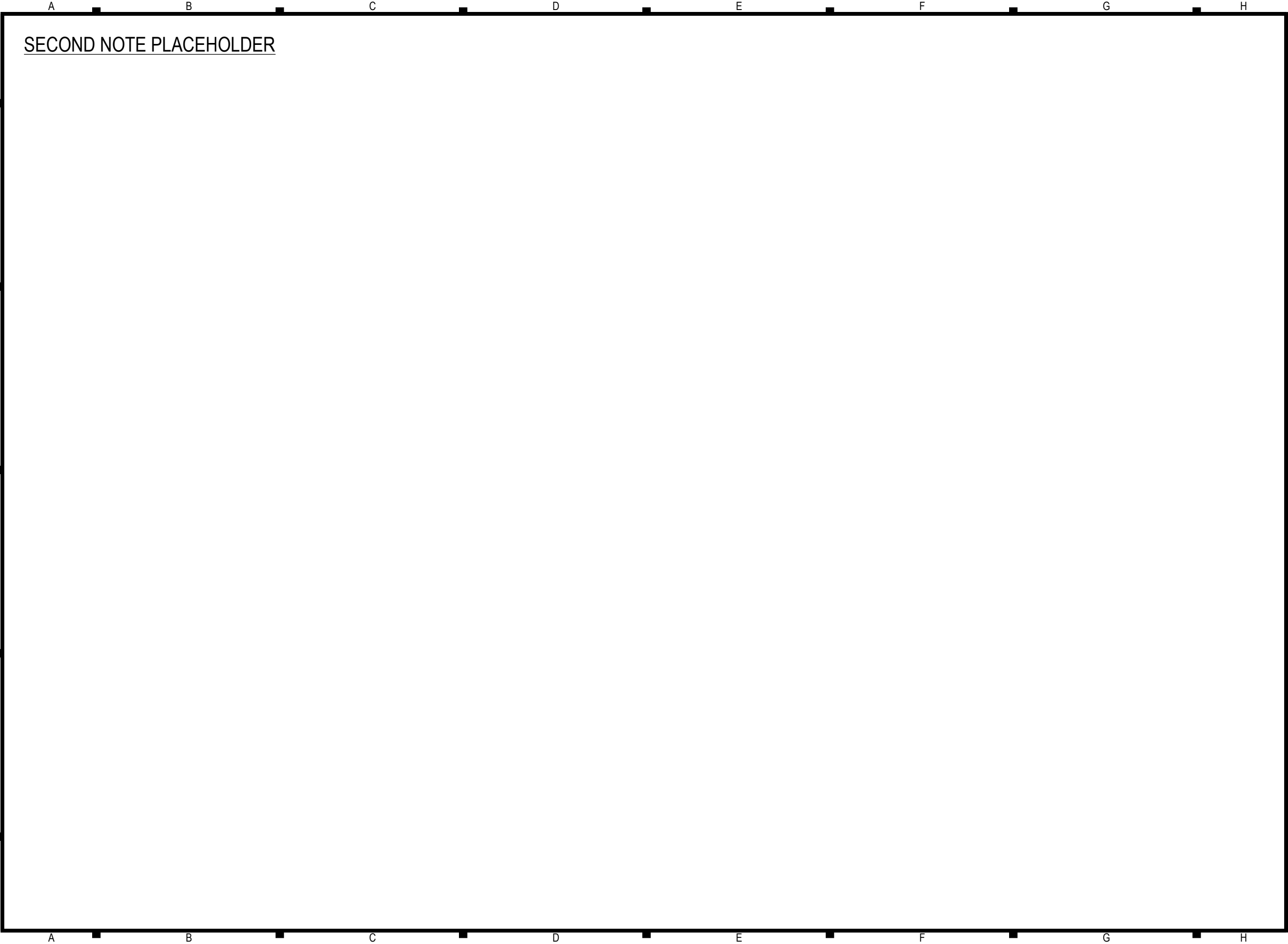
DATE: 2023-01-05

DESIGN BY: STRAWBERRY SOLAR

CHECKED BY: UKRDRAFTING

REVISIONS

T-001
(SHEET 1)



SECOND NOTE PLACEHOLDER



CONTRACTOR

Strawberry Solar

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NOTES

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REVISIONS

G-001

(SHEET 2)

[illegible]

CONTRACTOR

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ELECTRICAL PLAN

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REVISIONS

A-102

(SHEET 3)

CONDUCTOR AND CONDUIT SCHEDULE W/ELECTRICAL CALCULATIONS														
ID	TYPICAL	CONDUCTOR	CONDUIT	CURRENT-CARRYING CONDUCTORS IN CONDUIT	OCPD	EGC	TEMP. CORR. FACTOR	CONDUIT FILL FACTOR	CONT CURRENT	MAX CURRENT (125%)	BASE AMP	DERATED AMP	TERM. TEMP. RATING	AMP TERMINAL
1	2	10 AWG PV WIRE, COPPER	FREE AIR	2	N/A	6 AWG BARE, COPPER	0.91 (38°C)	1	15A	18.75A	55A	50.05A	75°C	50A
2	1	10 AWG THWN-2, COPPER	0.5" EMT	4	N/A	10 AWG THWN-2, COPPER	0.91 (38°C)	0.8	15A	18.75A	40A	29.12A	75°C	35A
3	1	10 AWG THWN-2, COPPER	0.5" EMT	2	N/A	10 AWG THWN-2, COPPER	0.91 (38°C)	1	21A	26.25A	40A	36.4A	75°C	35A
4	1	10 AWG THWN-2, COPPER	0.5" EMT	2	30A	10 AWG THWN-2, COPPER	0.91 (38°C)	1	21A	26.25A	40A	36.4A	75°C	35A



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E-601
(SHEET 4)