UNIVERSITY CITY CHURCH

604 N 6TH AVENUE
TUCSON, AZ 85705
CANOPY PHOTOVOLTAIC SYSTEM
119.9 KW DC / 90.0 KW AC CEC

SCOPE OF WORK

THE PROJECT SCOPE INCLUDES:

1. INSTALLATION OF PHOTOVOLTAIC SYSTEM ON EXISTING BUILDING:

   UNIVERSITY CITY CHURCH
   604 N 6TH AVENUE
   TUCSON, AZ 85705
   PARCEL ID: 117-040-950,117-040-940,117-040-930,117-040-920

2. PHOTOVOLTAIC SYSTEM WILL BE INTERCONNECTED TO EXISTING CT CABINET.

2. TOTAL SYSTEM SIZE:

   119.9 KW DC
   90.0 KW AC

3. TOTAL MODULES:
   (324) ASTROHALO - CHSM6612M-370
   STC RATING: 370 WATTS

4. TOTAL INVERTERS:
   (1) CANADIAN SOLAR CSI-40KTL-GS-FL (480V), 40KW AC
   (1) CANADIAN SOLAR CSI-50KTL-GS-FL (480V), 50KW AC

5. UTILITY PROVIDER
   TUCSON ELECTRIC POWER

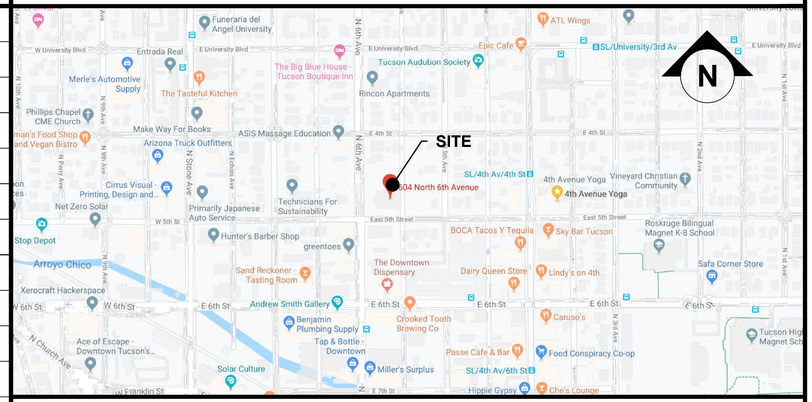
6. AUTHORITY HAVING JURISDICTION
   CITY OF TUCSON

7. LEGAL DESCRIPTION
   TUCSON LOTS 10 & 11 BLK 49

SHEET INDEX

NO.	ID.	SHEET NAME
1	PV-0	TITLE SHEET (DP SHEET 1 OF 3)
2	PV-1	SITE PLAN (DP SHEET 2 OF 3)
3	PV-2	ZONING PLAN (DP SHEET 3 OF 3)
4	[redacted]	
5	[redacted]	
6	[redacted]	
7	[redacted]	
8	[redacted]	
9	[redacted]	
10	[redacted]	
11	[redacted]	
12	[redacted]	
13	[redacted]	
14	[redacted]	

LOCATION MAP NTS



PROJECT TEAM

OWNER
UCITY RENEWABLE ENERGY LLC
430 NORTH COLLEGE AVE, SUITE 440
FORT COLLINS, CO 80524
CONTACT: ALEX BLACKMER
E: INFO@BUILDSOLARIS.COM

CONTRACTOR
SOLAR GAIN, INC
702 E. 17TH STREET
TUCSON, AZ 85719
LIC. #1010308
CONTACT: TIM GRAUNKE
T: (520) 822-8377
E: TIM@SOLARGAININC.COM

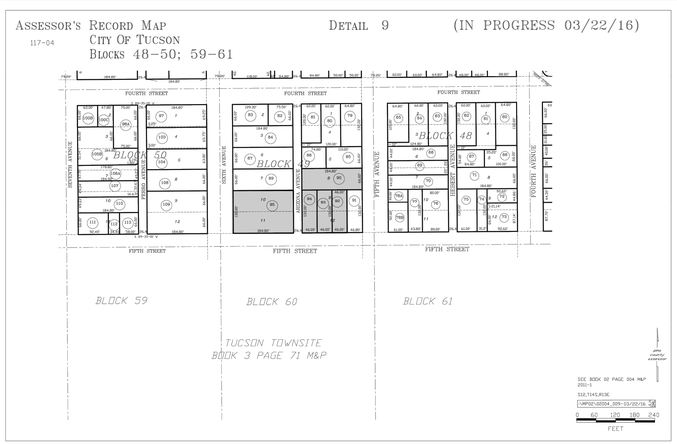
STRUCTURAL ENGINEERING
SAMA ENGINEERING, LLC
4229 E DEER DANCER WAY
TUCSON, AZ 85712
CONTACT: AHMED A. RASHED
T: (520) 867-0720
E: AHMED_ALZOBAI@YAHOO.COM

ELECTRICAL ENGINEERING
DAVID SCOT CROWFOOT
8281 BRITTANY DRIVE
DUBLIN, CA. 94568
T: 925-400-3663
E: DCROWFEET@AOL.COM

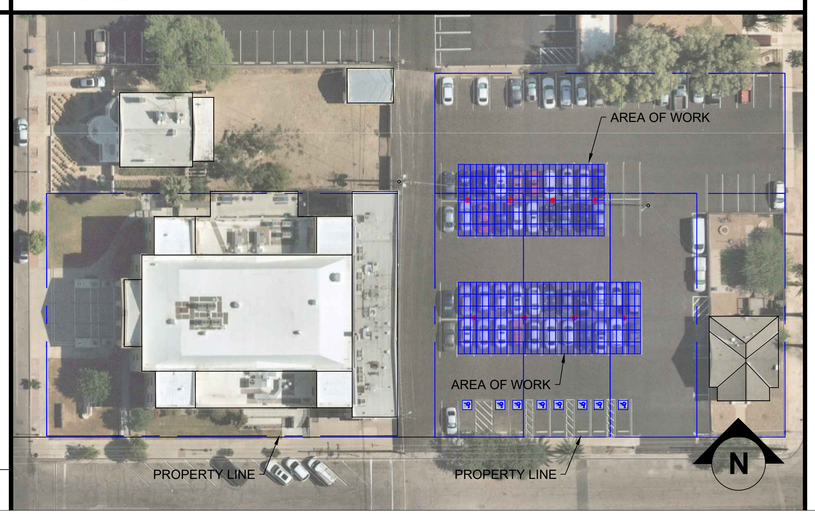
CITY OF TUCSON APPLICABLE CODES

PART 1	2018 INTERNATIONAL BUILDING CODE
PART 2	2017 NATIONAL ELECTRICAL CODE
PART 3	2018 INTERNATIONAL ENERGY CONSERVATION CODE
PART 4	2018 INTERNATIONAL EXISTING BUILDING CODE
PART 5	2018 INTERNATIONAL FIRE CODE

PARCEL MAP



PROPERTY MAP NTS



SOLARGAIN
702 E. 17TH STREET
TUCSON, AZ 85719
P 520.822.8277
SOLAR GAIN LLC.
LICENSE NO. AZROC 275942 C-11
AZROC 275941 R-11
AZROC 320592 A

Signature Dated

ENGINEERING STAMP:

PROJECT NAME: UNIVERSITY CITY CHURCH
PARCELS: 117-040-950,117-040-940, 117-040-930, 117-040-920
PROJECT ADDRESS: 604 N 6TH AVENUE TUCSON, AZ 85705

Revision	Description	Date
0.1	INTERNAL REVIEW	5/27/20
1.0	INITIAL SUBMITTAL	X/XX/20

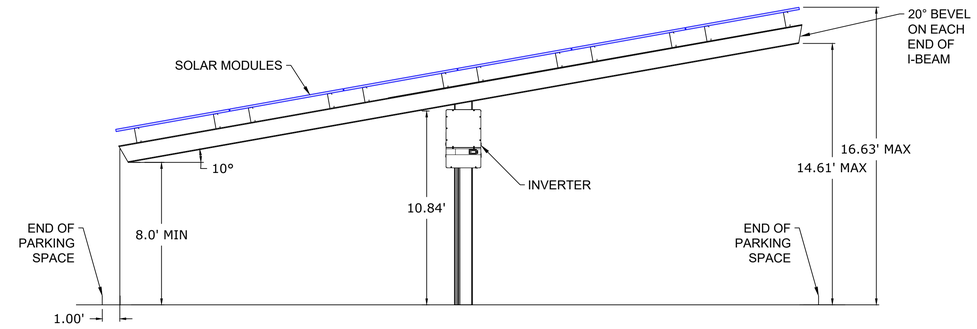
TITLE SHEET

Project Name	UNIVERSITY CITY CHURCH
Date	1/20/20
Drawn By	DB
Paper size	24x36

(DP SHEET 1 OF 3)

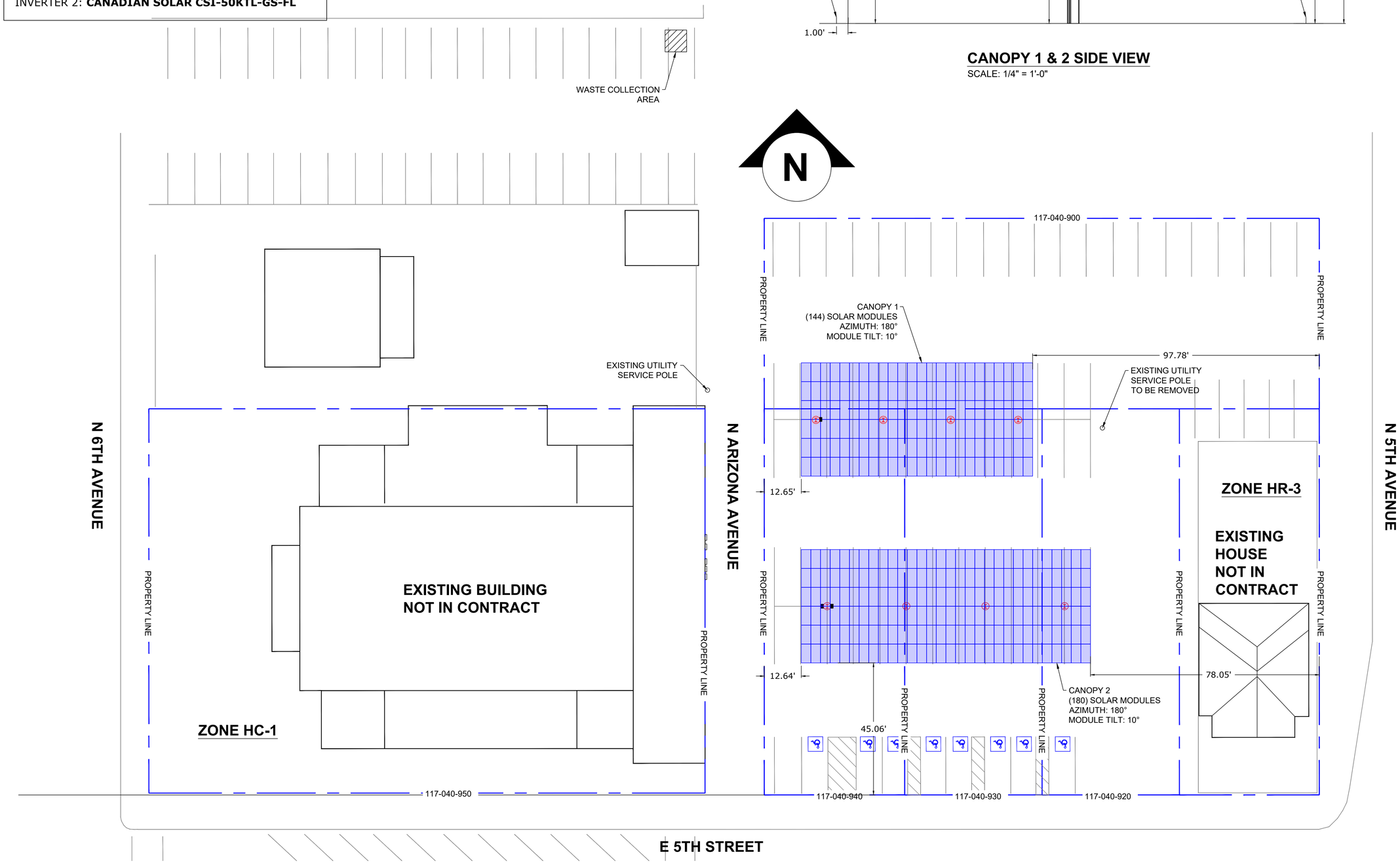
PV-0

SITE INFORMATION
SITE NAME/ADDRESS: UNIVERSITY CITY CHURCH 604 N 6TH AVENUE, TUCSON, AZ 85705 MOUNTING TYPE: CANOPY PARCEL: 117-040-950,117-040-940, 117-040-930,117-040-920
PV INFORMATION:
MODULE: **(324) ASTROHALO CHSM6612M-370** SYSTEM SIZE: **119.9 KW DC / 90 KW AC** INVERTER 1: **CANADIAN SOLAR CSI-40KTL-GS-FL** INVERTER 2: **CANADIAN SOLAR CSI-50KTL-GS-FL**



CANOPY 1 & 2 SIDE VIEW

SCALE: 1/4" = 1'-0"



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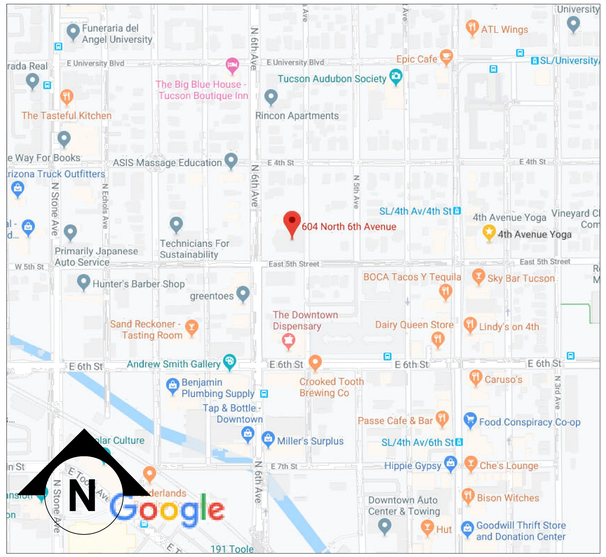
Revision	Description	Date
0.1	INTERNAL REVIEW	5/27/20
1.0	INITIAL SUBMITTAL	X/XX/20

PV SITE PLAN

Project Name	UNIVERSITY CITY CHURCH
Date	1/20/20
Drawn By	DB
Paper size	24x36

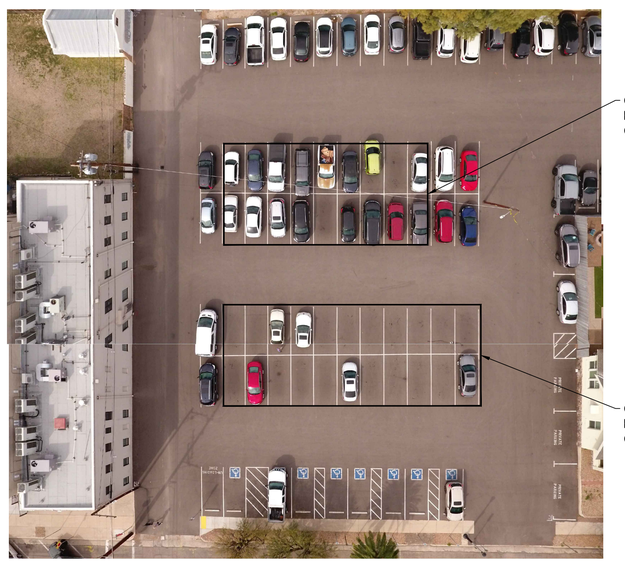
(DP SHEET 2 OF 3)

PV-1



LOCATION MAP

SCALE: 1/128" = 1'-0"



TREE LAYOUT-CANOPY 1 & 2

SCALE: NOT TO SCALE

5/5/2020 Pima County Assessor's Office

Parcel Number: 117-04-0950

Property Address

Street Number	Street Direction	Street Name	Location
604	N	6TH AV	Tucson

Contact Information

Property Owner Information:	Property Description:
UNIVERSITY CITY CHURCH 604 N 6TH AVE TUCSON AZ 85705-8360	TUCSON LOTS 10 & 11 BLK 49

Valuation Data

Valuation Year	Property Class	Assessment Ratio	Land FCV	Imp FCV	Total FCV	Limited Value	Limited Assessed
2020	COMMERCIAL (1)	18.0	$171,490	$1,759,949	$1,931,439	$1,673,178	$301,172
2021	COMMERCIAL (1)	18.0	$171,490	$1,723,172	$1,894,662	$1,756,837	$316,231

Property Information

Township:	14.0	**Section:**	12	**Range:**	13.0E
Map:	2	**Plat:**	4	**Block:**	049
Tract:		**Land Measure:**	24,394.00F	**Lot:**	00010
Census Tract:	400	**File Id:**	1	**Group Code:**	
Use Code:	1040 (MISC COMMERCIAL)			**Date of Last Change:**	8/29/2018

Valuation Area

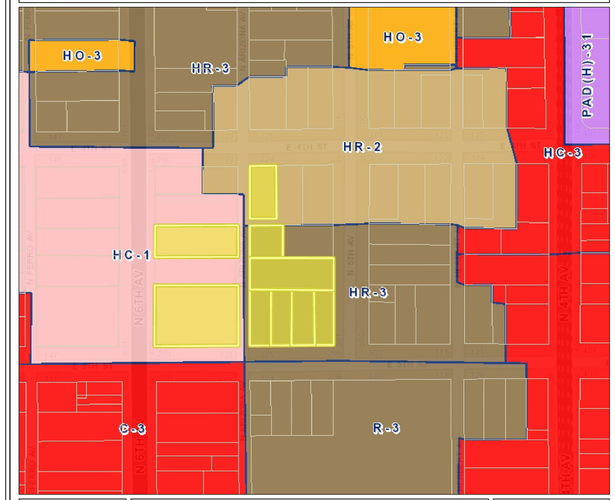
District Supervisor: RICHARD ELIAS District No: 5

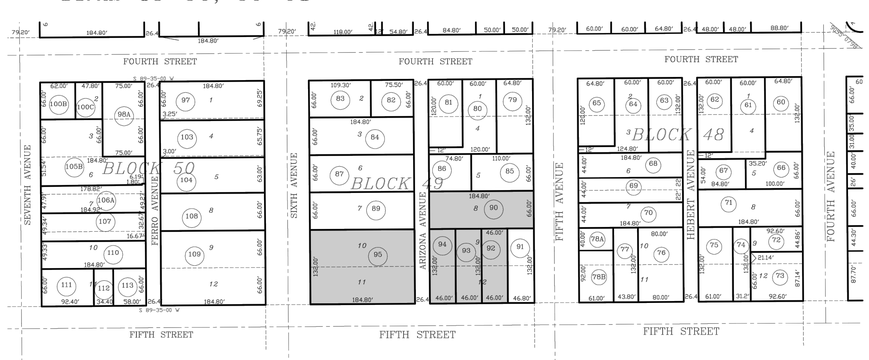
DOR Market	Land Subarea	Neighborhood	Sub ID	Economic District
6	1111044 DEL	05006301	02004 DEL	13

Recording Information (3)

Sequence No.	Docket	Page	Date Recorded	Type
20140310578	0	0	1/30/2014	WTDEED
20131690717	0	0	6/18/2013	WTDEED
0	78	368	12/31/1752	

https://www.asr.pima.gov/Parcel/Index 1/2





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Signature Dated

ENGINEERING STAMP:

PROJECT NAME: UNIVERSITY CITY CHURCH

PARCELS: 117-040-950,117-040-940, 117-040-930, 117-040-920

PROJECT ADDRESS: 604 N 6TH AVENUE TUCSON, AZ 85705

Revision	Description	Date
0.1	INTERNAL REVIEW	5/27/20
1.0	INITIAL SUBMITTAL	X/XX/20

PV SITE PLAN

Project Name	UNIVERSITY CITY CHURCH
Date	1/20/20
Drawn By	DB
Paper size	24x36

(DP SHEET 3 OF 3)

PV-2

SITE INFORMATION
SITE NAME/ADDRESS: UNIVERSITY CITY CHURCH 604 N 6TH AVENUE, TUCSON, AZ 85705 MOUNTING TYPE: CANOPY PARCEL: 117-040-950,117-040-940, 117-040-930,117-040-920
PV INFORMATION:
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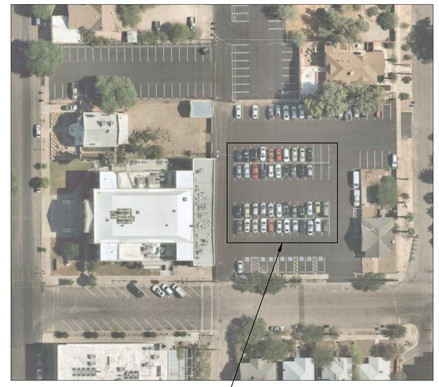
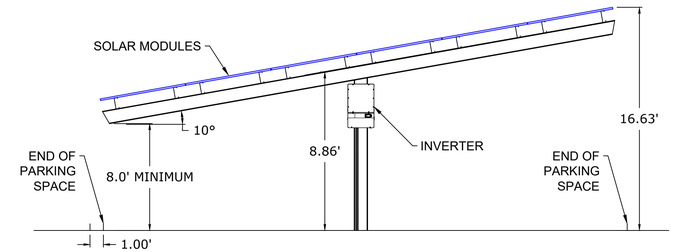
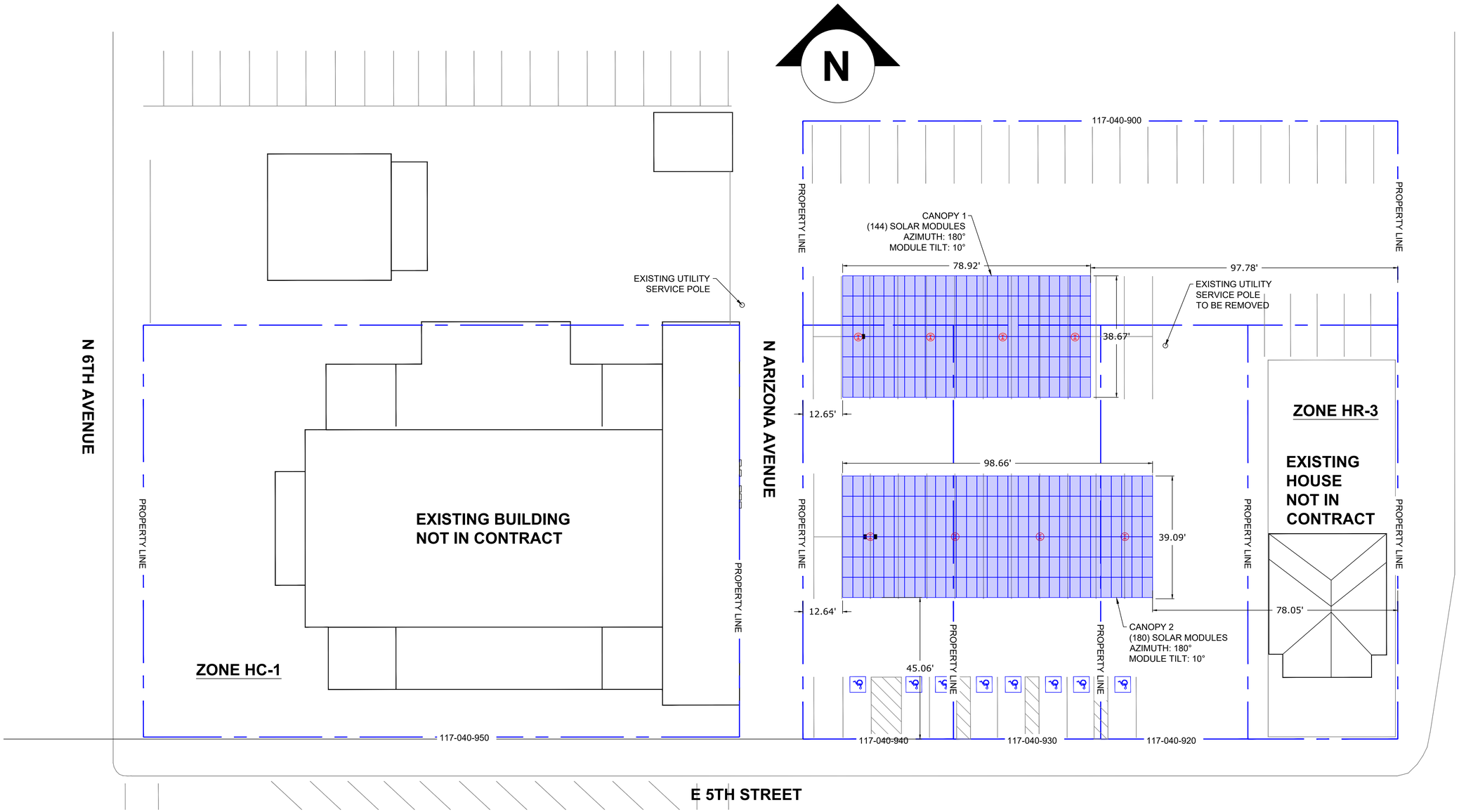
CANOPY EXAMPLE





CANOPY 1 & 2 SIDE VIEW

SCALE: 3/16" = 1'-0"



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Revision	Description	Date
0.1	INTERNAL REVIEW	5/27/20
1.0	INITIAL SUBMITTAL	X/XX/20

HPZ PLAN

Project Name	UNIVERSITY CITY CHURCH
Date	1/20/20
Drawn By	DB
Paper size	24x36

PV-3