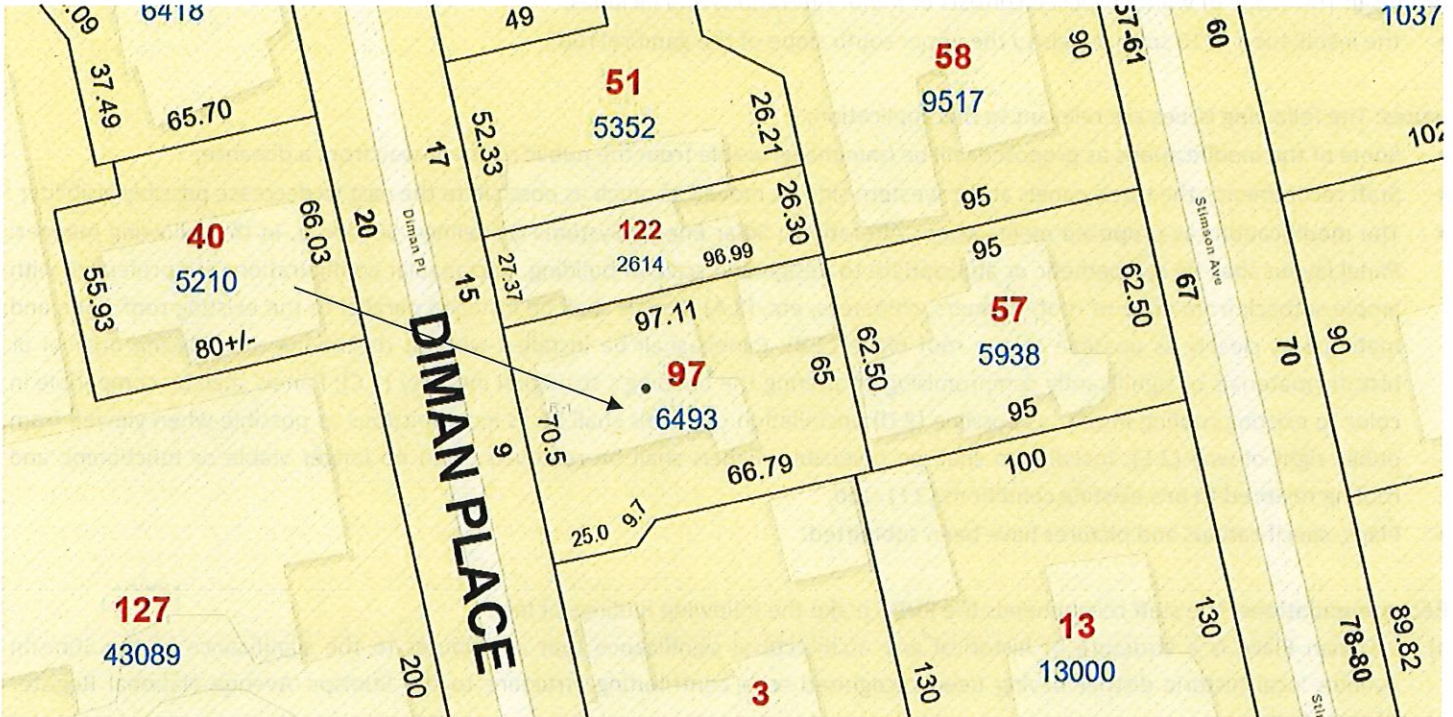


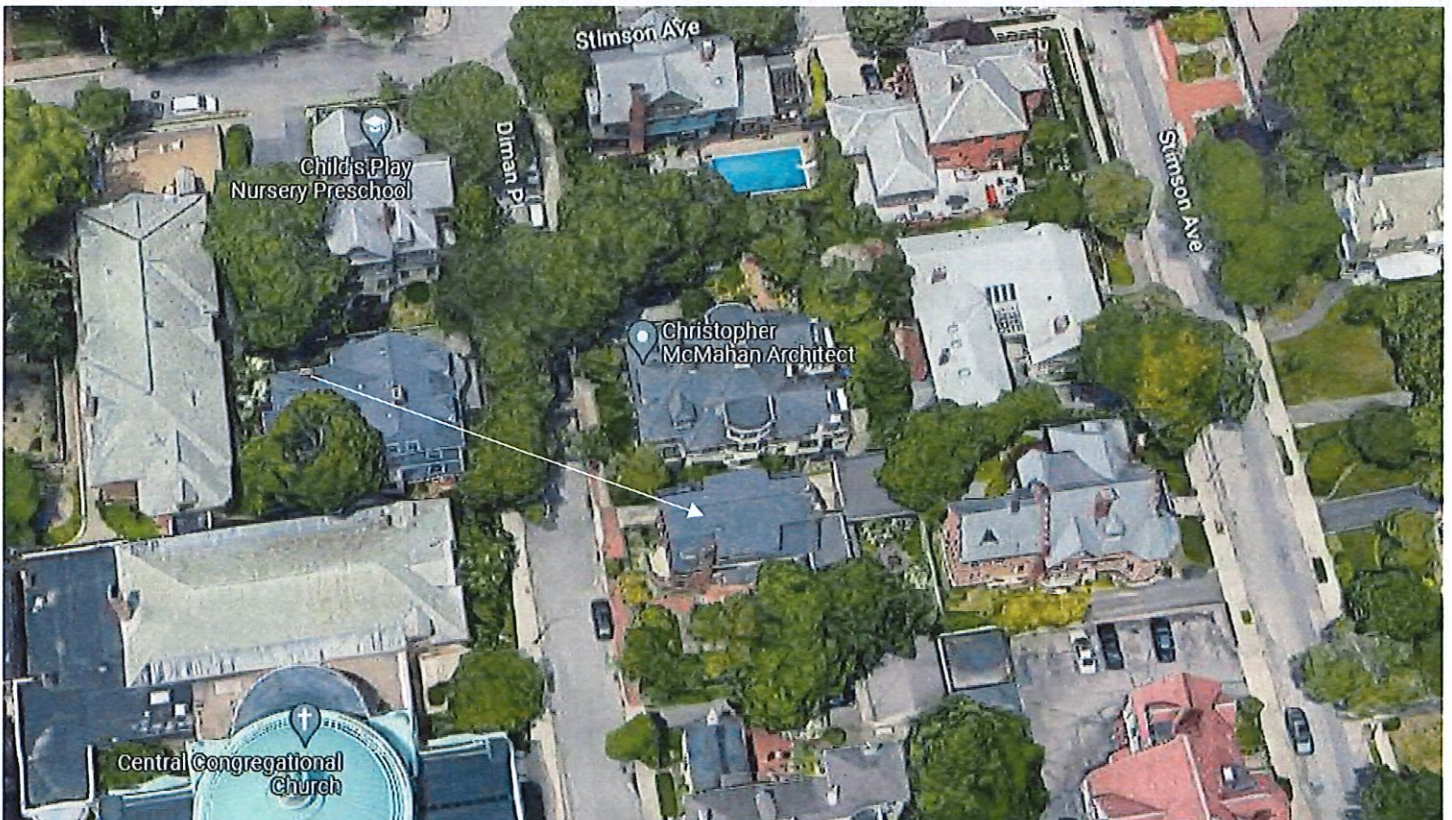
2. CASE 23.044, 9 DIMAN PLACE, James Lister House, 1914 (STIMSON)

2½-stories, faced in brick, gambrel roof with its end to the street; entrance porch on the south side, good, careful design characteristic of pre-World War II houses of Colonial Revival or Georgian.

CONTRIBUTING



Arrow indicates 9 Diman Place.



Arrow indicates project location, looking north.

Applicant/Contractor: Venture Home Solar, 251 Weaver Street, Unit E, Fall River, MA 02720

Owner: Albert Redway, 9 Diman Place, Providence, RI 02906

Proposal: The scope of work proposed consists of Minor Alterations and includes:

- the installation of 10 solar panels to the upper south slope of the gambrel roof.

Issues: The following issues are relevant to this application:

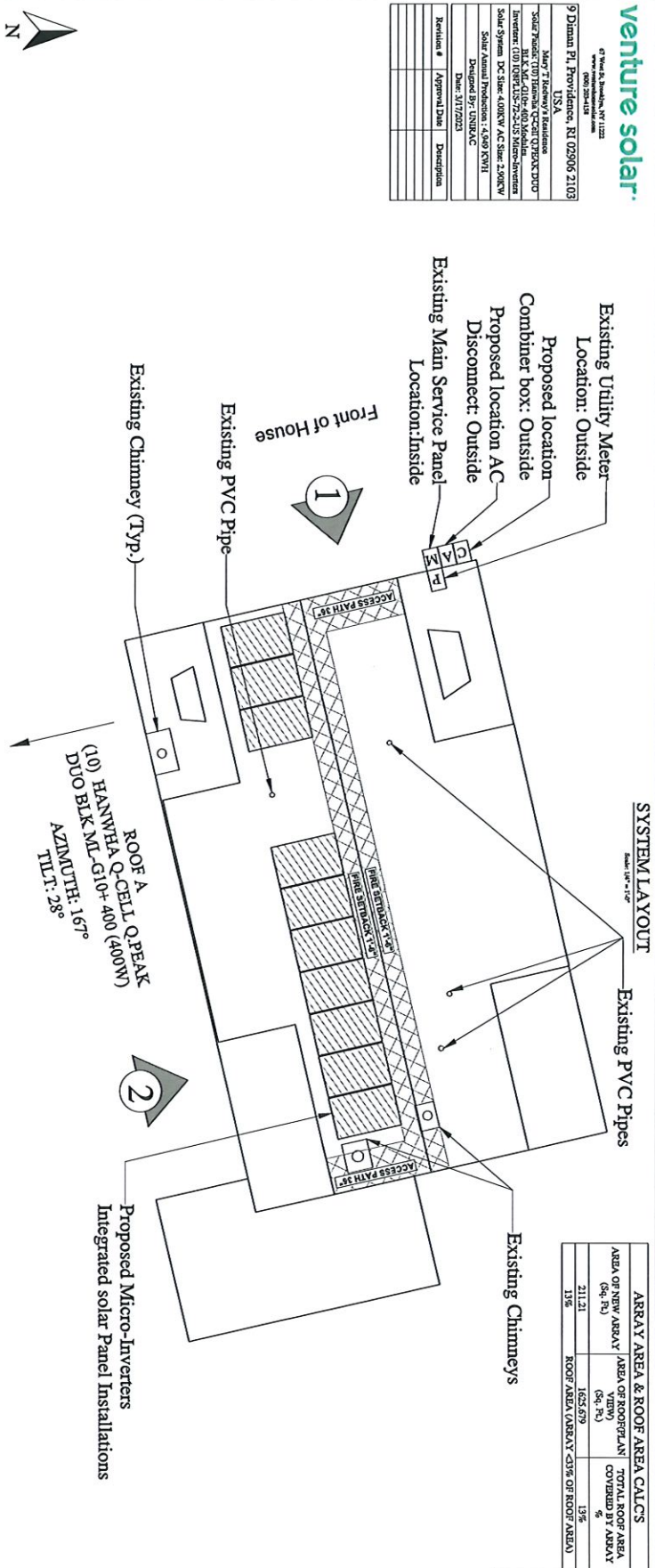
- Some of the modifications as proposed will be (minimally) visible from the public rights-of-way from a distance;
- Staff recommends the three panels at the western side be moved as much as possible to the east to decrease possible visibility;
- The modifications as proposed meets Minor Alterations: Solar Energy Systems Guidelines, Section 2, in the following manner: Panel layout shall be sympathetic or appropriate to design and scale of building. Rectangular configurations are preferred, with ample setback from edge of roof, dormers, chimneys, etc. (2.A); Panels shall be installed parallel to the existing roof slope and matched as closely as possible to the roof plane (2.B); Panels shall be installed without destroying or replacing original or historic materials or significantly compromising or altering the building's structural integrity (2.C); Panels shall be compatible in color to existing roofing insofar as possible (2.D); Installation of panels shall be as inconspicuous as possible when viewed from public right-of-way (2.E); Installation shall be reversible. Panels shall be removed when no longer viable or functioning and roofing restored to pre-existing conditions (2.F); and,
- Plans, specifications and pictures have been submitted.

Recommendations: The staff recommends the PHDC make the following findings of fact:

- a) 9 Diman Place is a structure of historical and architectural significance that contributes to the significance of the Stimson Avenue local historic district having been recognized as a contributing structure to the Stimson Avenue National Register Historic District;
- b) The modifications as proposed meets Minor Alterations: Solar Energy Systems Guidelines, Section 2, and the application is considered complete; and,
- c) The work as proposed is in accord with PHDC Standards 8 & 9 as follows: 8) the work will be done so that it does not destroy the historic character of the property or the district as they are not on the primary elevation and will be minimally-to-not visible from the public rights-of-way; and, 9) Whenever possible... alterations to structures shall be done in such a manner that if removed in the future, the essential form and integrity of the structure and the site will be unimpaired.

Staff recommends a motion be made stating that: The application is considered complete. 9 Diman Place is a structure of historical and architectural significance that contributes to the significance of the Stimson Avenue local historic district having been recognized as a contributing structure to the Stimson Avenue National Register Historic District. The Commission grants Final Approval of the proposal as submitted as the proposed alteration is appropriate having determined that the proposed alteration does not destroy the historic character of the property or the district and are historically and architecturally compatible with the property and district as the proposed alteration meets Minor Alterations: Solar Energy Systems Guidelines, Section 2, is reversible and will not have an adverse effect on the property or district as they are not on the primary elevation and will be minimally visible from the public rights-of-way (Standards 8 & 9), and the recommendations in the staff report, with staff to review any additional required details.

Project #	97 West St., Amherst, NY 11223
Client	Mary T. Bussett, S.A. Residence
Installer	Solar Panel (10) Hanwha Q-CELL Q-PEAK DUO
Mounting System	HSR-MK-MT-Q10-400 (400W) Solar Panel
Mounting System	HSR-MK-MT-Q10-400 (400W) Solar Panel
Solar Panel	DC Size: 400W AC Size: 200W
Solar Annual Production	1,400 kWh
Designed by	VENTURE SOLAR
Date	01/18/2023
Revision #	1
Approval Date	
Description	

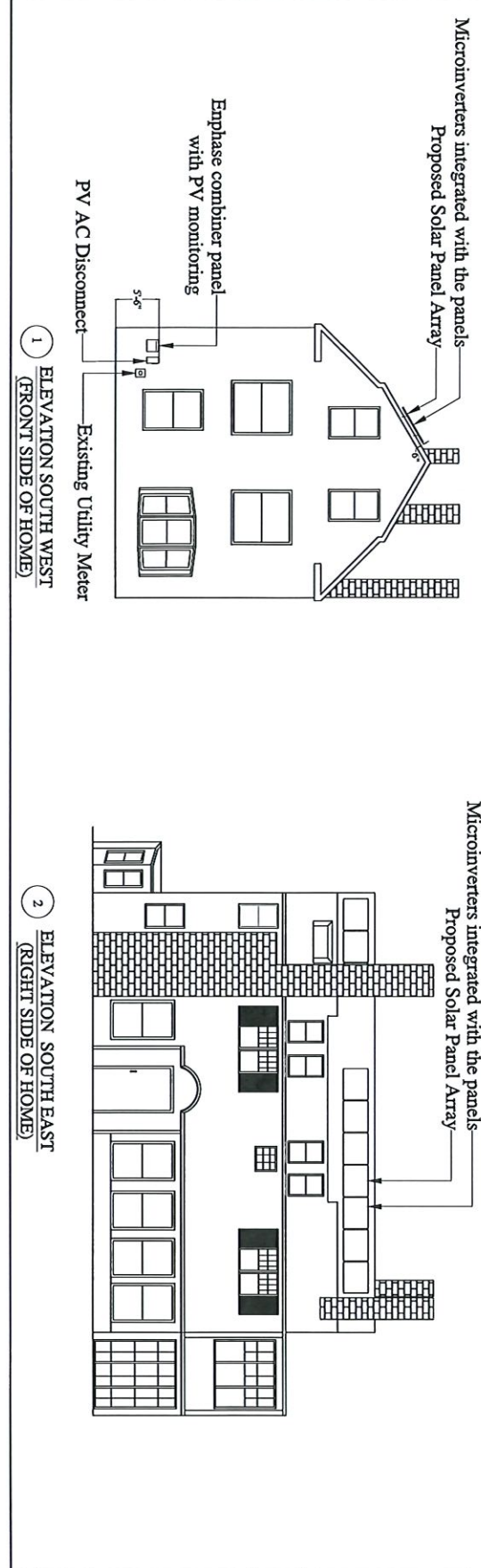


ARRAY AREA & ROOF AREA CALC'S

AREA OF ARRAY AREA (Sq. Ft.)	AREA OF ROOF PLAN (Sq. Ft.)	TOTAL ROOF AREA COVERED BY ARRAY (%)
211.21	1625.679	13%
13%		ROOF AREA (ARRAY) 43% OF ROOF AREA

ELEVATION LEGEND

	Vent Pipe
	Vent Box
	Vent Fan
	Skylight



Patrick Bussett
No. 14170
REGISTERED PROFESSIONAL ENGINEER
CIVIL

728 R.A. Sherry Signatures
DOB Stamp Signatures 3/14/2023

Patrick Bussett
728 R.A. Sherry Signatures
DOB Stamp Signatures 3/14/2023

VENTURE SOLAR
67 West St., Amherst, NY 11223
License # 14170

ELEVATIONS, SYSTEM LAYOUT	A-000.00
Scale: 1/8" = 1'	
Page 3 of 9	

Country	USA
State	RI
City	Providence
Address	9 Diman Pl, Providence, RI 02906 2103
Project Name	Solar Electric Generation System
Client	Patrick Bussett
Architect	Patrick Bussett
Contractor	Patrick Bussett
Design Date	01/11/2023
Revision #	1
Approval Date	
Description	

AERIAL SITE VIEW



MAP OF BLOCK DISTRICTS



GPS COORDINATES

41.832970, -71.385540

DRAWING INDEX

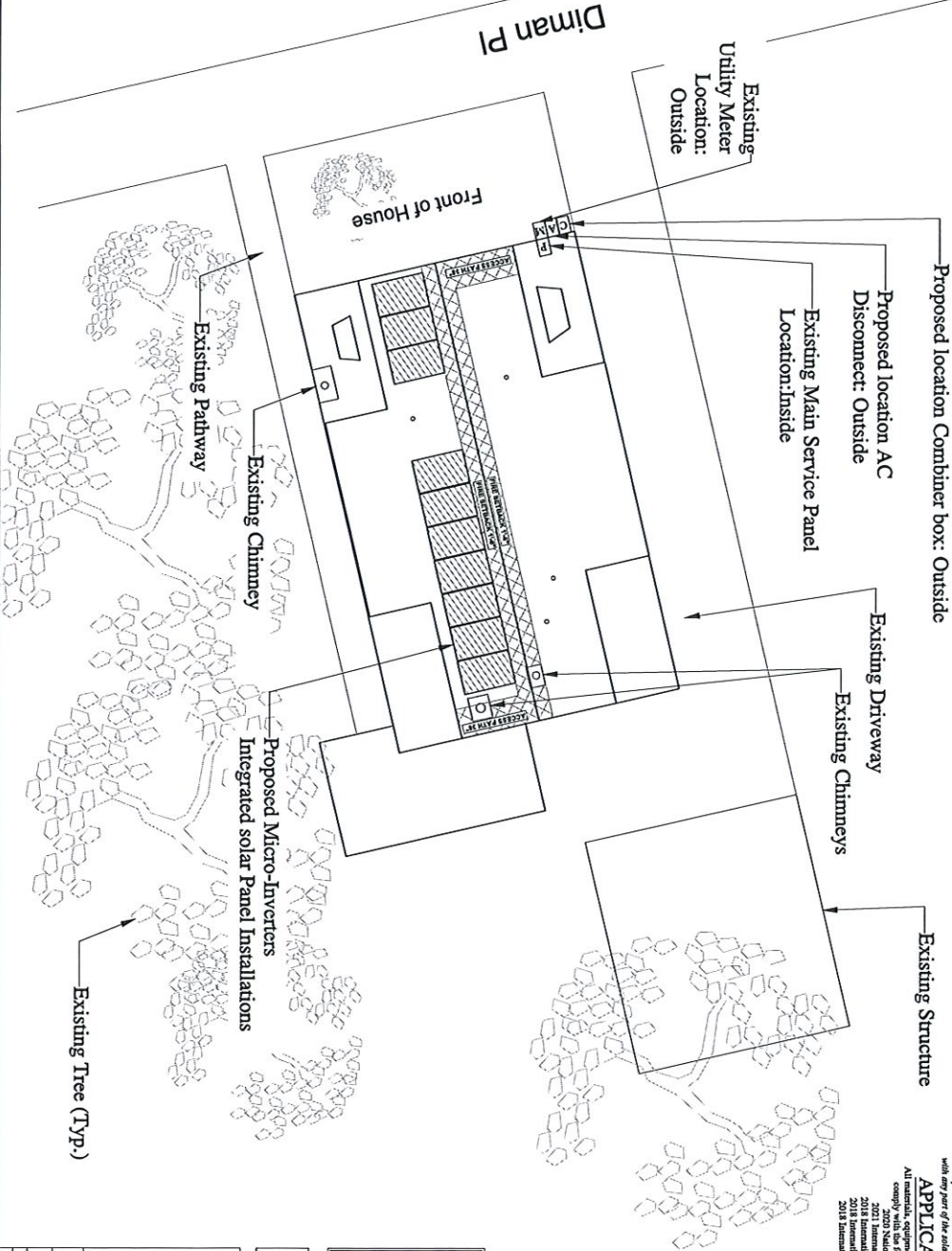
1	Zoning Information, Site Plan	Z-000.00
2	Dimensions and System Layout	A-000.00
3	Roofing and Load Calculations	S-000.00
4	Specifications	S-001.00
5	Labels & Solar Map, Parcel	C-000.00
6	String Diagram	B-000.00
7	Label Sheet	B-001.00
8	Electrical 1-Line & Loads	B-002.00
9	DOM	C-001.00

LEGEND

	Proposed Addition
	Existing Building
	Ventilation
	Observation

**SOLAR ELECTRIC GENERATION INSTALLATION ON EXISTING RESIDENCE:
9 Diman Pl, Providence, RI 02906 2103 USA**

SITE PLAN
Scale: 1/8" = 1'-0"



SCOPE OF WORK
SCOPE OF WORK IS SOLAR PV FOR THE INSTALLATION OF THE SOLAR ELECTRIC GENERATING SYSTEM. ALL OTHER WORK IS NOT INCLUDED IN THIS DOCUMENT. THE BUILDING DEPARTMENT.

NOTES

The existing roof structure for this project is 1 or with the structural requirements specified on page 2-000.00. The roof structure is assumed to be in good condition and capable of supporting the loads imposed by the installation of the proposed solar electric generating system as described in these design documents.

There is no tree, utility line or any other potential hazard that could cause fire or other damage to the solar electric system.

APPLICABLE CODES
All materials, equipment, installation and work shall comply with the following applicable codes:
2021 International Mechanical Code
2021 International Building Code
2018 International Plumbing Code

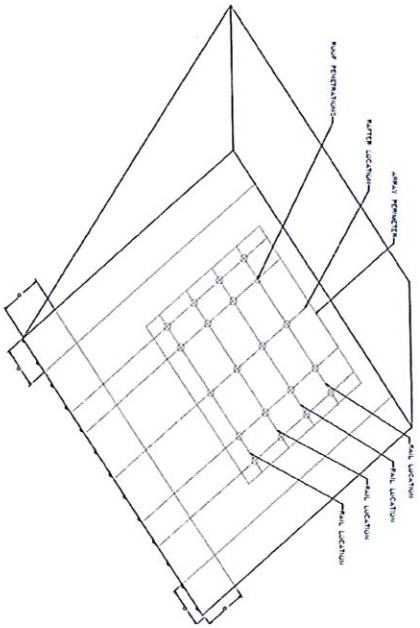
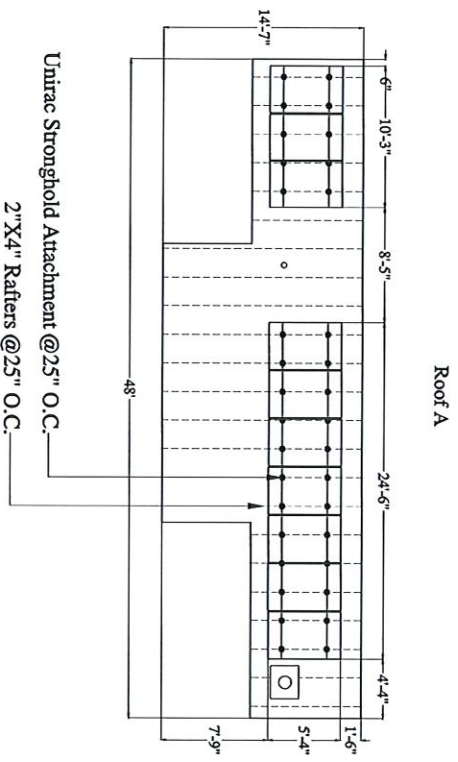
Patrick Bussett
No. 14170
REGISTERED PROFESSIONAL ENGINEER
CIVIL

P.E. M.A. Stamp Signature
3/14/2023

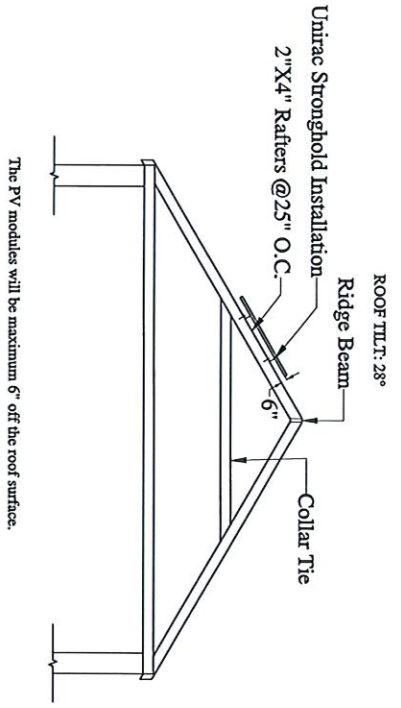
ZONING INFORMATION:
SITE PLAN
Z-000.00
Scale: 1/8" = 1'-0"
Page 1 of 9

Client	Mary T. Rodery's Residence	
Contract	Solar Panel (10) Panels, Q-CAN Q-PROX-D10	
Installer	(10) Q-CAN Q-PROX-D10 Panels	
Solar System	DC Size: 4.00kW AC Size: 2.98kW	
Solar Annual Production	4,600 kWh	
Designed by	UNIRAC	
Date	3/17/2023	
Revision #	Approval Date	Description

**UNIRAC PARALLEL STRONGHOLD
 ROOF ATTACHMENT**
 Scale: 1/8" = 1'-0"



ROOF STRUCTURAL DETAILS:
 Scale: 3/8" = 1'-0"



LEGEND

	Unirac Parallel Stronghold Attachment
	2" X 4" RAFTER
	RACKING AND LOAD CALCULATIONS

Acceptable Rail Mounting Area
 L-Foot Rail Supports shall be installed at each end of rail and every 25" there after to support all Solar array wind and snow loads. Roof attachments shall be parallel.

Patrick Bussett
 67 West 30, Southfield, MI 48034
 License # 14170

PATRICK BUSSETT
 No. 14170
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

7 E.R.A. Stamp Signature
 Patrick Bussett
 3/14/2023
 DOB Stamp/Signature

RACKING AND LOAD CALCULATIONS	S-000.00
Scale: SEE SCALE	
Page 3 of 9	



Google



