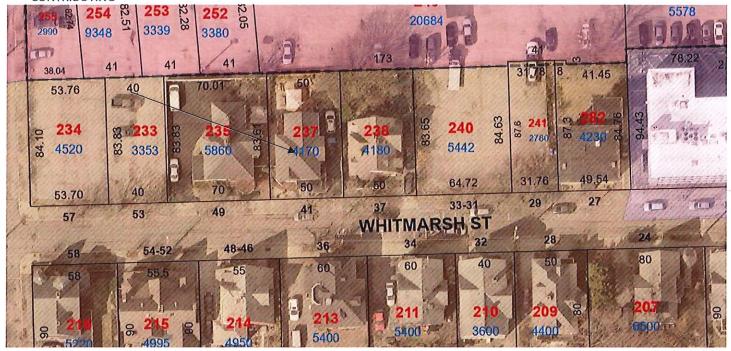
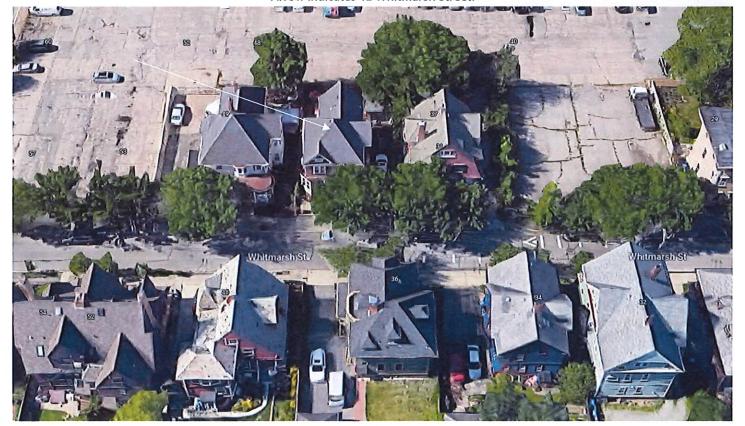
4. CASE 23.074, 41 WHITMARSH STREET, Alfred M. Williams House, c1889 (NORTH ELMWOOD)

Gable-fronted 2½-story-hip-roofed Queen Anne structure, with a Colonial Revival, Ionic column corner porch. Williams was Editor of The Providence Journal.

CONTRIBUTING



Arrow indicates 41 Whitmarsh Street.



Arrow indicates project location, looking north.

PHDC Staff Report July 24, 2023

Applicant/Contractor: Bright Power Solar, Scott LeDuc, 1451 Grafton Street, Worcester, MA 01604

Owner: Evans Peralta, 41 Whitmarsh Street, Providence, RI 02907

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

the installation of 18 solar panels to three slopes of the hip roof.

Issues: The following issues are relevant to this application:

- The applicant appeared at the June 26th meeting where it was discovered that the panels had already been installed; The
 Commission continued the matter with suggestions that panels should be reorganized form the proposed/installed installation.
 The applicants have submitted a revised layout that proposes 18 panels (previously was 22): four panels on Roof A (SW slope),
 eight panels on Roof B (NE slope) and six panels on Roof C (NW slope). Roof A would be the most visible from the public rightsof-way;
- The modifications as proposed may meet 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) 41 Whitmarsh Street is a structure of historical and architectural significance that contributes to the significance of the North Elmwood local historic district, having been recognized as a contributing structure to the Elmwood 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,
- 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. 41 Whitmarsh Street is a structure of historical and architectural significance that contributes to the significance of the North Elmwood local historic district, having been recognized as a contributing structure to the Elmwood 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 primarily on secondary elevations 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.

	PVS-PV10	PV7	PV6	PVS	PV4.1	PV4	PV3 (+ PV3.1 AS NEEDED)	PV2	TVG	
EQUIPMENT DATA SHEETS	INSTALL DOCUMENTS	PROPERTY LINES	STRUCTURAL COMPONENTS	ATTACHMENT PLAN	PLACARD	EQUIPMENT LABELS	ELECTRICAL LINE DIAGRAM / DETAILS	ROOF/SITE PLAN	TITLE SHEET	SHEET INDEX

APPUCABLE CODES 2000 NATIONAL ELECTRICAL CODE (NFFA 70)

2019 RHODE ISLAND STATE BUILDING CODE (SBC 2) HONAL RESIDENTIAL CODE (IRC) AS AMENDED

NTERNATIONAL BUILDING CODE (IBC) AS ANNIENDED

OCCUPANCY & CONSTRUCTION TYPE OCCUPANCY - R3

CONSTRUCTION - 58

CONSTRUCTION NOTES

- FOR ANY INSPECTIONS IN COMPLIANCE WITH OSHA REGULATIONS.

- DED USING THE SUPPLIED CONNECTION POINTS IDENTIFIED IN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- TO SMALL BE BONDED AND/OR GROUNDED PER NEC 650.43(A) AND THE MANUFACTURERS' INSTRUCTIONS. IG AND PROPOSED ELECTRICAL EQUIPMENT WILL BE PROVIDED AS PER NEC 110.26.

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- BE DESIGNED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE BUILDING CODE OF THE LOCALJURISDICTION. N IN THE SWITCH GEAR (PANEL) SHALL BE POSITIONED AT THE OPPOSITE END FROM THE INPUT FEEDER LOCATION OR MAIN CIRCUIT LOCATION AS
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- CONDUCTORS SHALL BE 597 SATED THAY, THAN-2, USE 20 BP VIDEB. LALL CONDUCTORS SHALL BE 75° RATED THAYN WIRE. ITILITY DESCONLECT HAS VERBUE BLADES, ELOCAMEE AND SACESSEES TO THE UTILITY FOR UTILITY OF STREAMS SHALL NOT READ "UNE AND DISCONDECTION THE BREAKER SHALL NOT READ "UNE AND DISCONDECTION THE BREAKER SHALL NOT READ "UNE AND
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- JULES SHALL NOT BE INSTALLED OVER ANY ATTIC, PLUMBING OR MECHANICAL VENT. PLUMBING VENTS TO EXTEND A MIN OF 6" ABOVE ROOF OR PLBG OR MECH VENTS TO BE COVERED, OBSTRUCTED OR ROUTED AROUND MODULES.
- TORM DRAINAGE SYSTEM IS PROHIBITED. NO SOLID WASTE, PETROLEUM BYPRODUCTS, SOIL PARTICULATE, CONSTRUCTION RATED ON CONSTRUCTION SITE OR BY CONSTRUCTION ACTIVITIES SHALL BE PLACED, CONVEYED OR DISCHARGED INTO THE

OCATED IN AREAS THAT DO NOT REQUIRE THE PLACEMENT OF GROUND LADDERS OVER THE OPENINGS SUCH AS WINDOWS OR DOORS, AND

- ED BY DEVICES OR MECHANICAL MEANS DESIGNED AND LISTED FOR SUCH USE AND WIRING MUST BE PERMANENTLY AND
- COMPLETELY HELD OFF OF THE ROOF SURFACE.
 PAINT SURFACE MOUNTED CONDUIT TO MATCH EXISTING STRUCTURE.

VICINITY MAP



	888-997-4469	BrightPlanetS & lar AUBURN MA 01501	BRIGHT PLANET SOLAR	
C-10#1020761	CONTRACTOR LICENSE:			SIGNATURE:
	DESIGNER:	DATE:	SYSTEM SIZE 7.2kW/DC	PROJECT #
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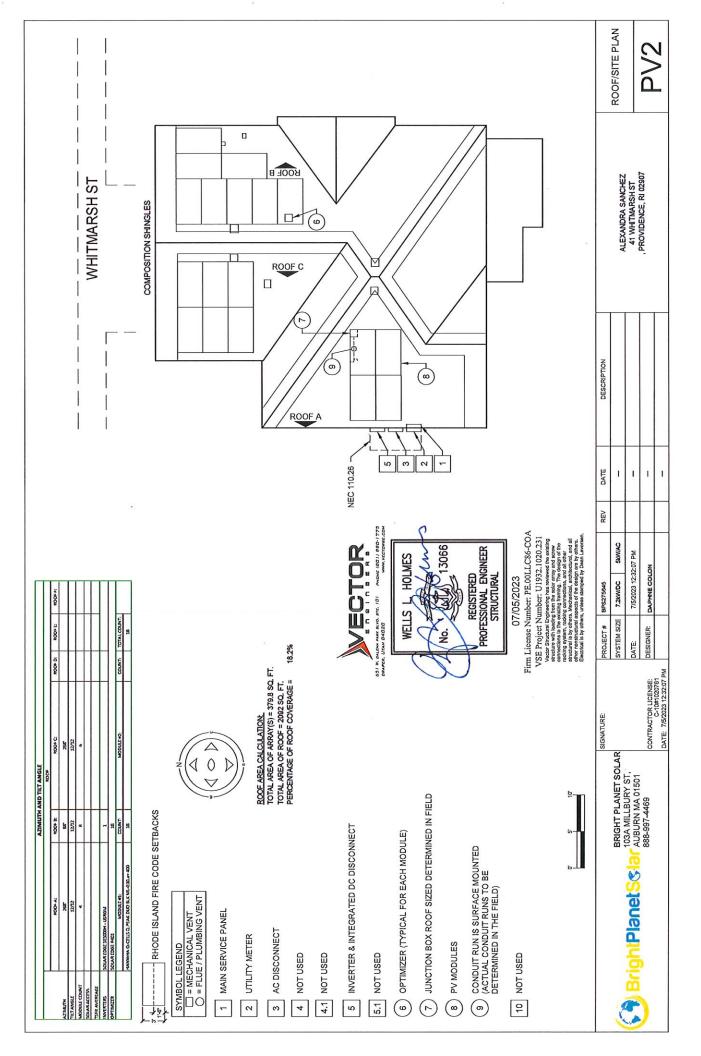
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PHONE (BD 1) 000-1775

ALEXANDRA SANCHEZ 41 WHITMARSH ST , PROVIDENCE, RI 02907

TITLE SHEET





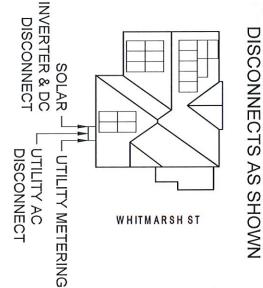
PROFESSIONAL ENGINEER ELECTRICAL ELECTRICAL ONLY DEAN P. LEVORSEN 13576

07/05/2023

Firm License Number: PE.00LLC86-COA VSE Project Number: U1932.1020.231

(12) PLACARD

POWER TO THIS BUILDING IS ALSO SUPPLIED FROM THE FOLLOWING SOURCES WITH



BRIGHT PLANET SOLAR 103A MILLBURY ST, 103A MILLBURY ST, AUBURN MA 01501 888-997-4469

SIGNATURE:

CONTRACTOR LICENSE: C-10#1020761 DATE: 7/5/2023 12:32:12 PM DESIGNER: DAPHNE COLON

SYSTEM SIZE 7.2KW/DC SKW/AC PROJECT# BPS275645 7/5/2023 12:32:12 PM REV DATE DESCRIPTION

ALEXANDRA SANCHEZ 41 WHITMARSH ST , PROVIDENCE, RI 02907

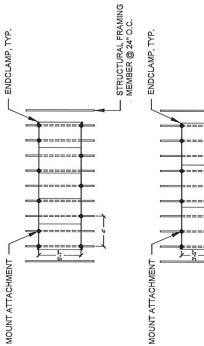
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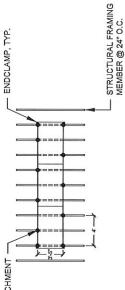
EXISTING STRUCTURAL FRAMING = 5x5 @ 24 IN. O.C. ROOF A:
PHOTOVOLIAIC DEAD LOAD STATEMENT
TOTAL AREA OF ARRAY = 72.56 SQ. FT.
ARRAY GROSS WEIGHT = 188.64 LBS
DEAD LOAD RATING = 2.6 LBS/SQ.FT.

EXISTING STRUCTURAL FRAMING = 5x5 @ 24 IN. O.C. ROOF B: PHOTOVOLTAIC DEAD LOAD STATEMENT TOTAL AREA OF ARRAY = 145.11 SQ. FT. ARRAY GROSS WEIGHT = 377.29 LBS DEAD LOAD RATING = 2.6 LBS/SQ.FT

TOTAL AREA OF ARRAY = 108.83 SQ. FT.
ARRAY GROSS WEIGHT = 282.97 LBS
DEAD LOAD RATING = 2.6 LBS/SQ. FT.
EXISTING STRUCTURAL FRAMING = 5x5 @ 24 IN. O.C. ROOF C: PHOTOVOLTAIC DEAD LOAD STATEMENT

MOUNT ATTACHMENT LOCATION
 MAXIMUM OVERHANG (CANTILEVER) IS 19*
 MAXIMUM SPACING OF ANCHORS (FOOTINGS) IS 48 IN 0.C.
 FIELD VERIFY EXACT LOCATION OF STRUCTURE MEMBERS.





051 W. GALENA PARK BLVO. STE. 101 PHONE (B01) 990-1775 DRAPER, UTAN 84020 WWW.VECTORBE.COM



07/05/2023

VSE Project Number: U1932,1020,231
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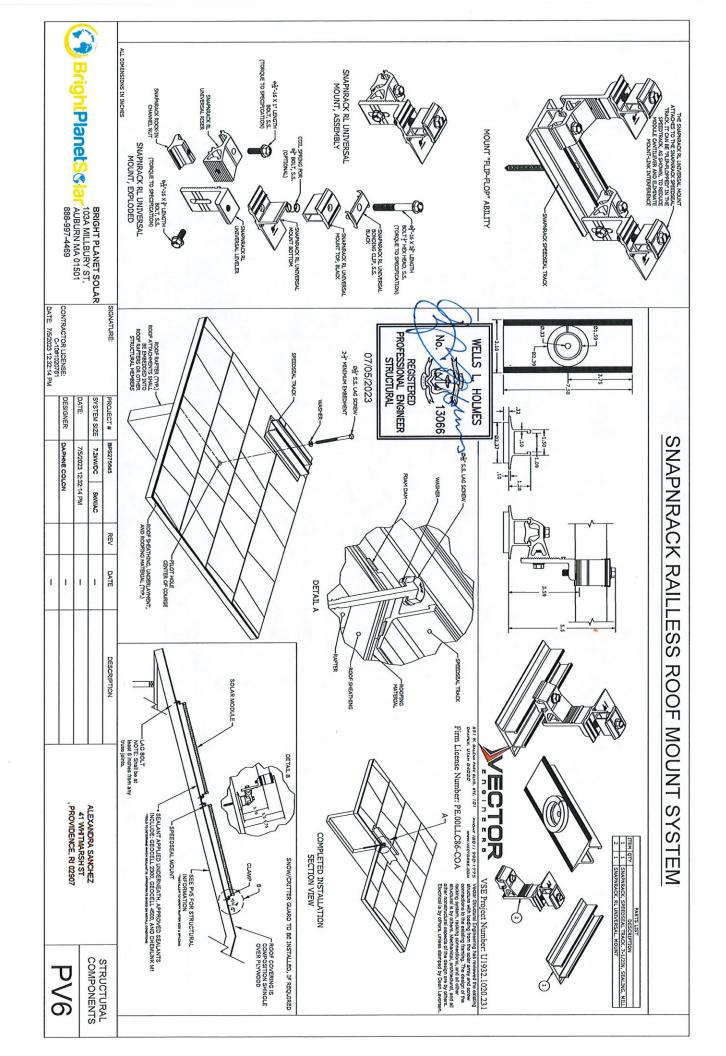
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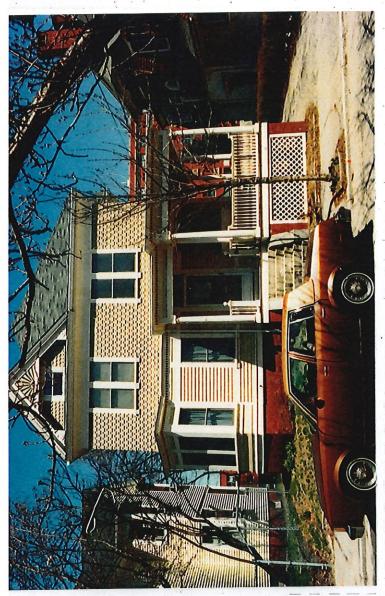
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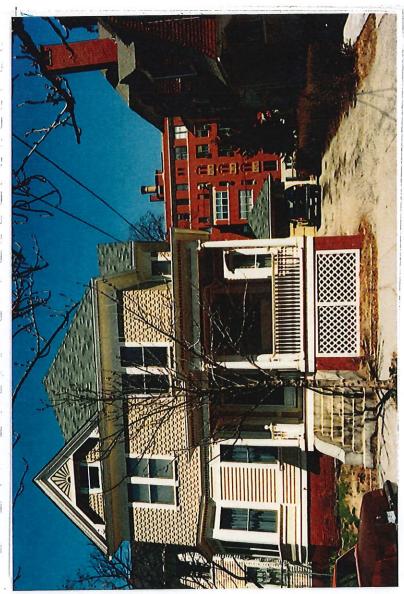
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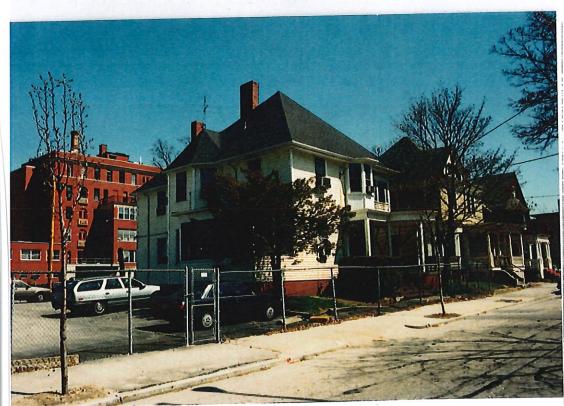
ATTACHMENT PLAN **PV5**











41 WAITMARSH