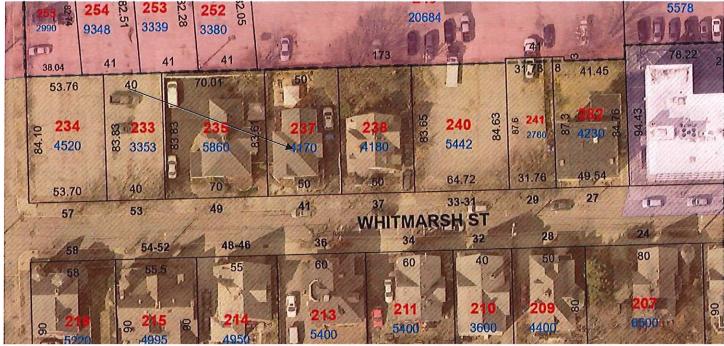
5. CASE 23.074, 41 WHITMARSH STREET, Alfred M. Williams House, c1889 (NORTH ELMWOOD)

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.

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 22 solar panels to three slopes of the hip roof.

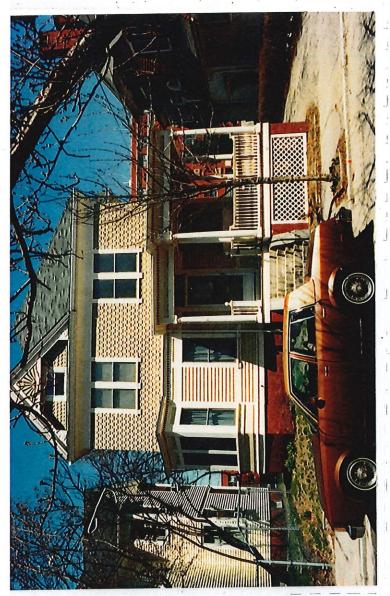
Issues: The following issues are relevant to this application:

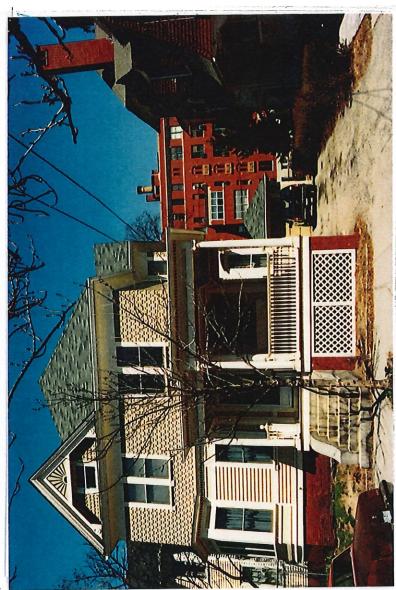
- Some of the modifications as proposed will be (minimally) visible from the public rights-of-way; due to the close proximity to the neighbors it is Staff's opinion that the panels on the east and west forward slope will be minimally visible;
- If feasible, Staff recommends relocating the three panels on the east slope to be relocated to the rear slopes and that the panels on the west slope be adjust as far north and east as possible;
- 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) 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 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.







41 WAITMARSH

PV3 (+ PV3.1 AS NEEDED) PV8-PV10 PV4.1 PV6 PVS PV4 PV2 EQUIPMENT LABELS ELECTRICAL LINE DIAGRAM / DETAILS NSTALL DOCUMENTS STRUCTURAL COMPONENTS ATTACHMENT PLAN CARD ROOF/SITE PLAN ROPERTY LINES SHEET INDEX

2020 INTERNATIONAL RESIDENTIAL CODE (IRC) AS AMENDED

OCCUPANCY & CONSTRUCTION TYPE

ATIONAL BUILDING CODE (IBC) AS ANIMENDED

MODULE WILL BE GROUNDED USING THE SUPPLIED CONNECTION POINTS IDENTIFIED IN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. XPOSED METALLIC TABS OF THE SOLAREDGE OPTIMIZERS SHALL BE BONDED AND/OR GROUNDED PER NEC 690.43(A) AND THE MANUFACTURE

BY THE STATE FIRE MARSHAL, SHALL BE INSTALLED IN EACH DWELLING WHEN A PERMIT FOR ALTERATIONS, REPAIRS OR

ALARMS

N A CONTRASTING COLOR (WHITE). THIS PLAQUE WILL BE PERMANENTLY ATTACHED & UV RESISTANT

CTURERS' INSTRUCTIONS.

BE USED AT THE INVERTER LOCATION CONSISTING OF A ULLISTED 8FT GROUND ROD WITH ACORN CLAMP. GROUNDING ELECTRODE STHAN #8 AWG AND NO GREATER THAN #6 AWG COPPER AND BONDED TO THE EXISTING GROUNDING ELECTRODE TO PROVIDE FOR A

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BE IN PLACE FOR ANY INSPECTIONS IN COMPLIANCE WITH OSHA REGULATIONS. E NON-COMBUSTIBLE IN NATURE.

CONSTRUCTION NOTES

CONSTRUCTION - 58

EQUIPMENT DATA SHEETS STRUCTURAL ENGINEERING CALCS (IF REQ.)

REGISTERED
PROFESSIONAL ENGINEER
STRUCTURAL WELLS I HOLMES 13066 n

04/11/2023

Firm License Number: PE.00LLC86-COA VSE Project Number: U1932.1020.231 ructural is by others. Mechanical, architectural, and all the ronstructural aspects of the design are by others, he ronstructural aspects of the design are by others, unless stamped by Dean Levorsor

CONTRACTOR LICENSE: C-10#1020761 DATE: 4/5/2023 11:21:05 AM

DESIGNER: DATE:

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

BrightPlanetS®

PROJECT #

SYSTEM SIZE BPS275645 8.8kW/DC 4/5/2023 11:21:05 AM 6kW/AC REV DATE 1 DESCRIPTION

SHALL BE DESIGNED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THE BUILDING CODE OF THE LOCAL JURISDICTION. BETTON 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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- STORM DRAINAGE SYSTEM IS PROMHIBITED. NO SOLID WASTE, PETROLEUM BYPRODUCTS, SOIL PARTICULATE, CONSTRUCTION ERATED ON CONSTRUCTION SITE OR BY CONSTRUCTION ACTIVITIES SHALL BE PLACED, CONVEYED OR DISCHARGED INTO THE
- TED BY DEVICES OR MECHANICAL MEANS DESIGNED AND LISTED FOR SUCH USE AND WIRING MUST BE PERMANENTLY AND

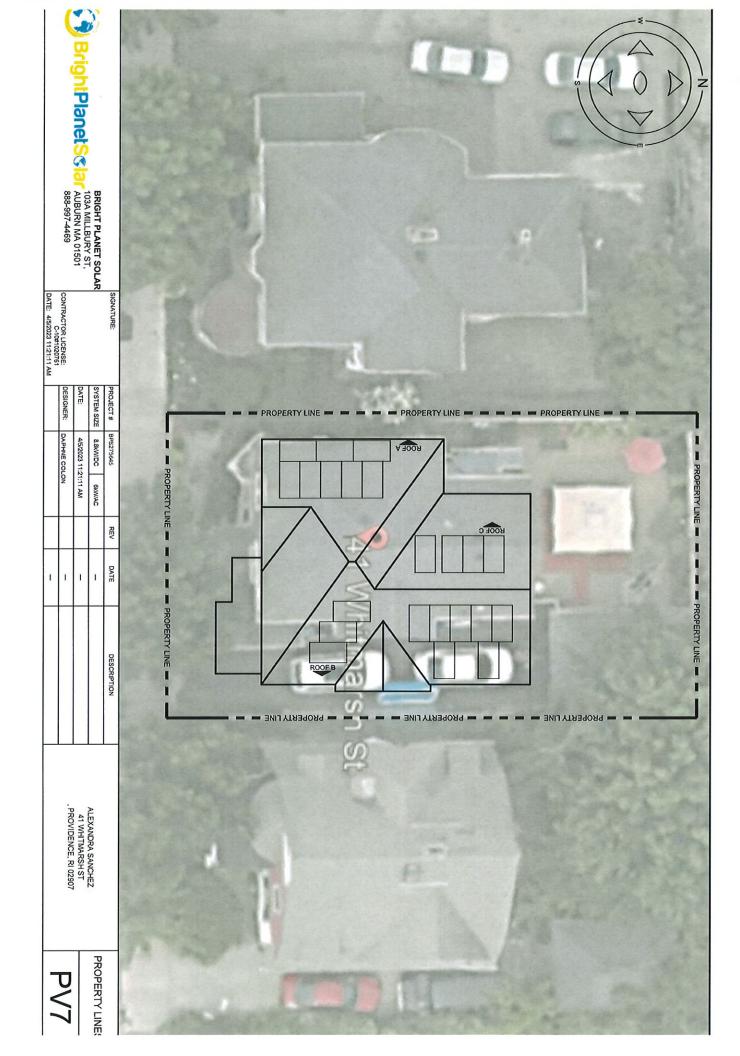
VICINITY MAP

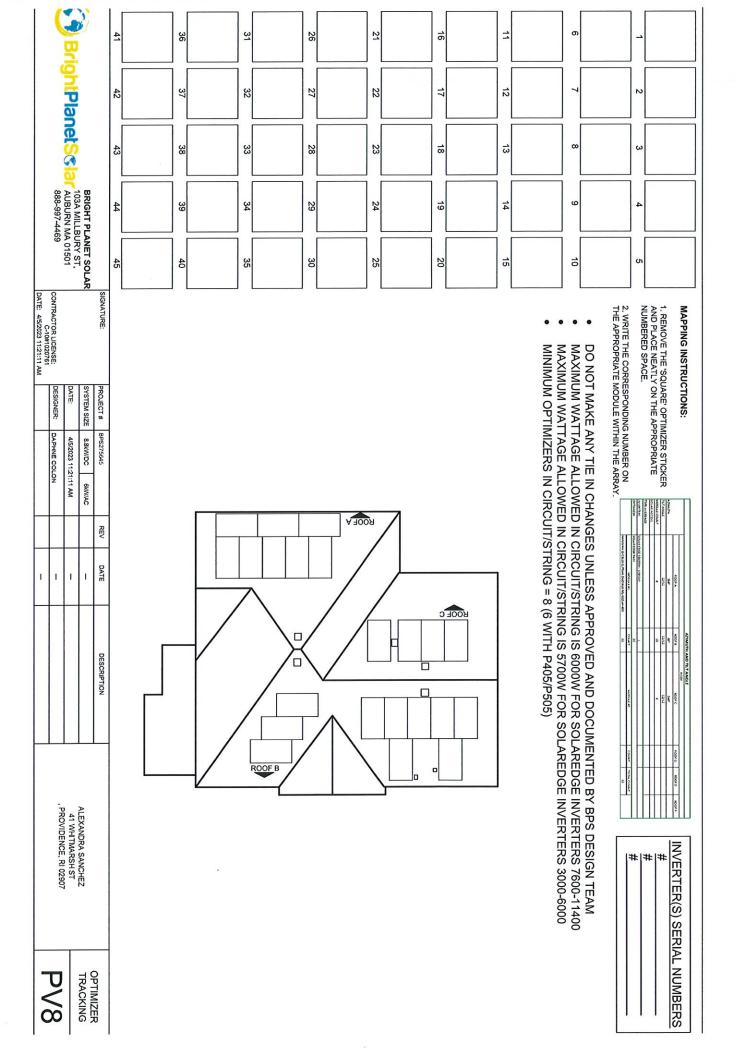


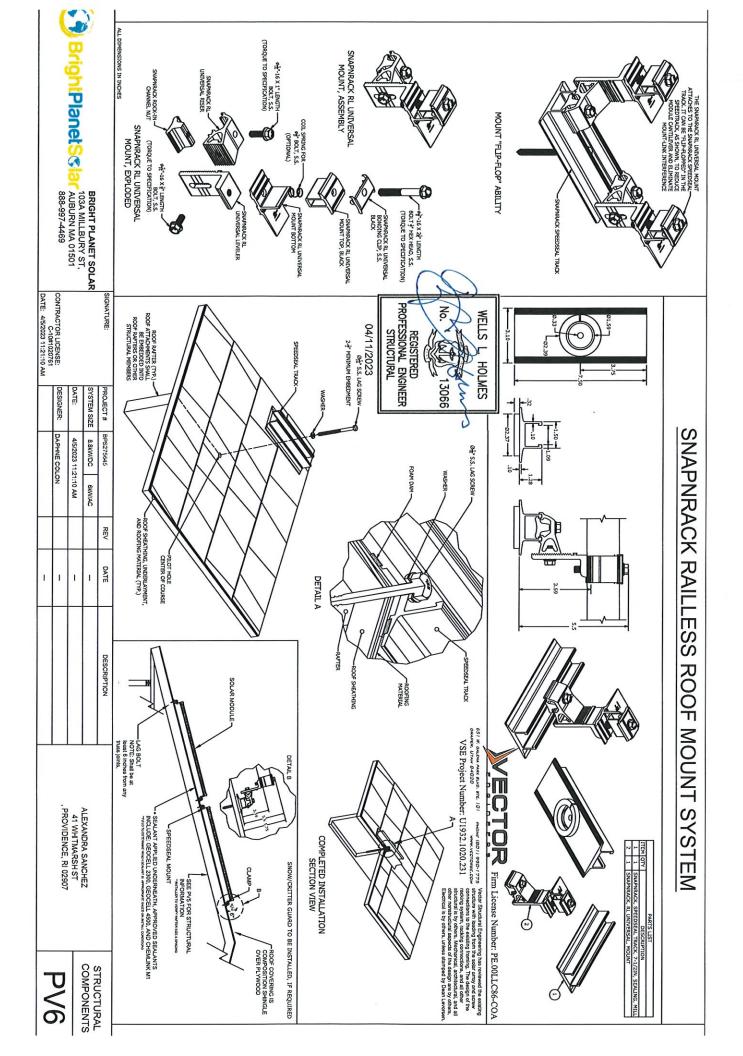
ALEXANDRA SANCHEZ 41 WHITMARSH ST

, PROVIDENCE, RI 02907

TITLE SHEET









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- ¹ APT test conditions according to IEC/TS 62804-1:2015, method A (-1500V, 96h)
- ² See data sheet on rear for further information.

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