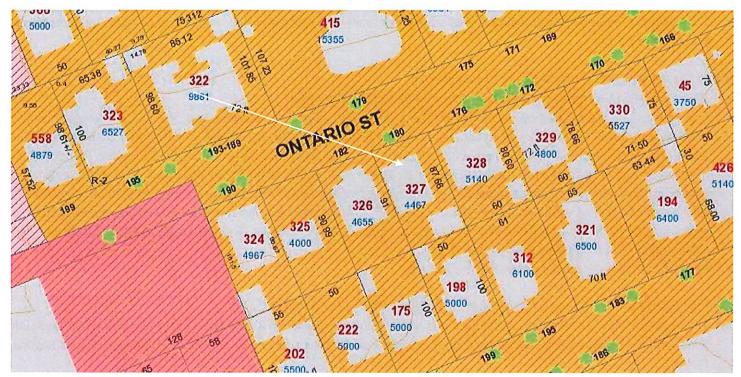
2. CASE 21.002, 180 ONTARIO STREET, Henry L. Lippitt House, c1910 (SOUTH ELMWOOD)

Square two-story hip-roofed weather boarded and shingled structure, with a small entrance porch. CONTRIBUTING



Arrow indicates 180 Ontario Street.



Arrow indicates project location.

Applicant/Contractor: Skyline Solar LLC, 95 Ryan Drive, Suite 3, Raynham, MA 02767

Owner: Lynn Prentiss, 180 Ontario Street, Providence, RI 02907

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

• The applicant is requesting the installation of 15 solar panels to the north (side) elevation and 13 solar panels to the south (side) slopes of the hip roof.

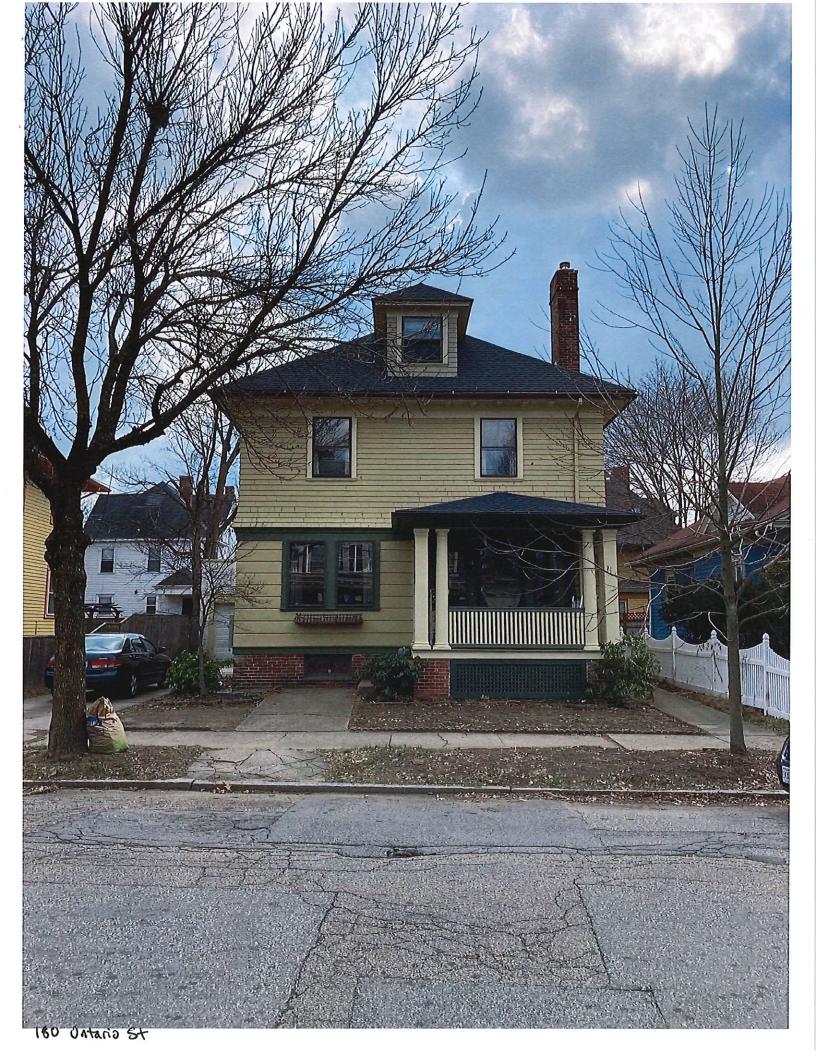
Issues: The following issues are relevant to this application:

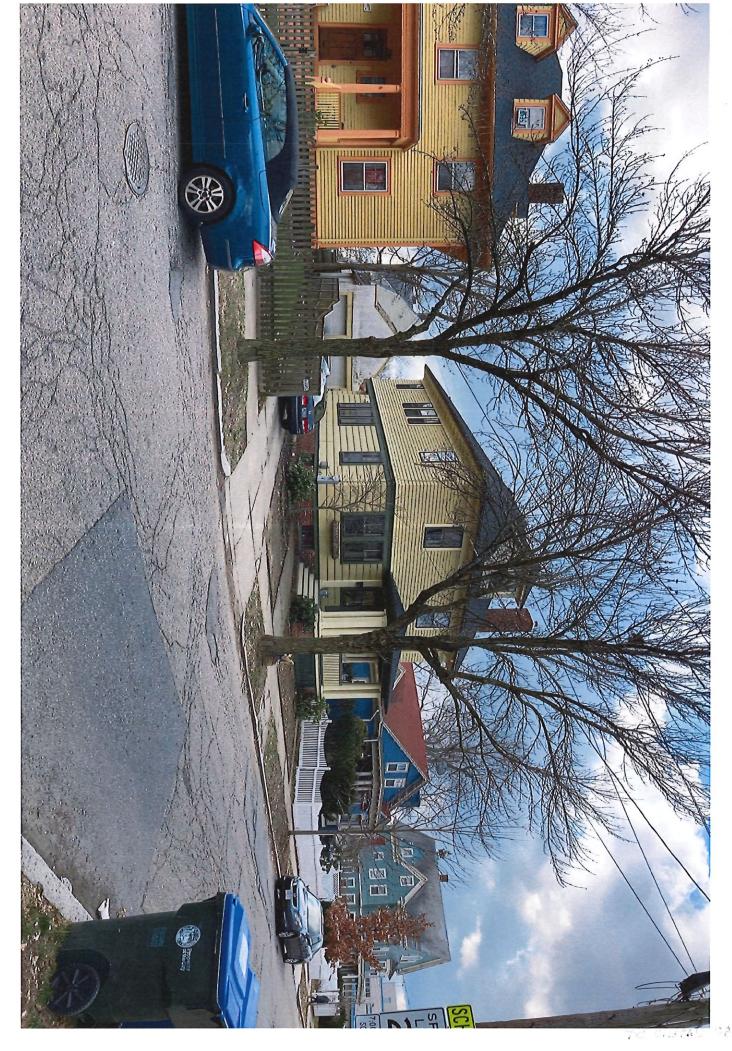
- The modifications as proposed will not be visible from the public rights-of-way;
- The modifications as proposed meets Minor Alterations: Solar Energy Systems Guidelines, Section 2, in the following manner: Panel layout shall be sympathetic or appropriate to design and scale of building. Rectangular 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) 180 Ontario Street is a structure of historical and architectural significance that contribute to the significance of the South Elmwood local historic district, having been recognized as a contributing structure to the Elmwood National Historic Register District:
- b) The modifications as proposed meets Minor Alterations: Solar Energy Systems Guidelines, Section 2, and 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 being 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. 180 Ontario Street is a structure of historical and architectural significance that contributes to the significance of the South Elmwood local historic district, having been recognized as a contributing structure to the Elmwood National Historic Register 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 minimally-to-not visible from the public right-of-ways, is reversible and will not have an adverse effect on the property or district, and the recommendations in the staff report, with staff to review any additional required details.





180 Outaria St



with state-of-the-art circuitry half cells and a six-busbar design, thus Q.ANTUM's world-record-holding cell concept has now been combined on a small surface thanks to the innovative Q.ANTUM DUO Technology. low-intensity solar radiation as well as on hot, clear summer days. achieving outstanding performance under real conditions — both with its outstanding visual appearance and particularly high performance The new Q.PEAK DUO BLK-G5 solar module from Q CELLS impresses with



classes, and an efficiency rate of up to 19.3 %. Higher yield per surface area, lower BOS costs, higher power Q.ANTUM TECHNOLOGY: LOW LEVELIZED COST OF ELECTRICITY

•



Optimal yields, whatever the weather with excellent low-light INNOVATIVE ALL-WEATHER TECHNOLOGY





Anti PID Technology¹, Hot-Spot Protect and Traceable Quality Tra.Q™. Long-term yield security with Anti LID Technology.



(5400 Pa) and wind loads (4000 Pa) regarding IEC. High-tech aluminum alloy frame, certified for high snow



A RELIABLE INVESTMENT

YDE

2018

STIBOO

linear performance guarantee². Inclusive 12-year product warranty and 25-year



STATE OF THE ART MODULE TECHNOLOGY

Q.ANTUM DUO combines cutting edge cell separation and innovative wiring with Q.ANTUM Technology.





Engineered in Germany



APT test conditions according to IEC/TS 62804-1:2015, method 8 (–1500V, 168h)
 See data sheet on rear for further information.

9

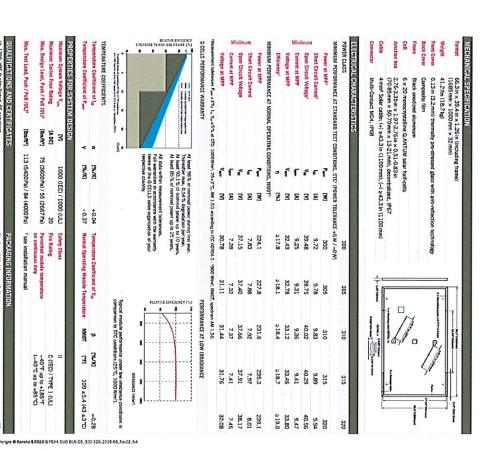
Pallet Dimensions (L × W × H)

69.3 in × 45.3 in × 46.9 in (1760 mm × 1150 mm × 1190 mm)

1415 lbs (642kg)

Number of Pallets per 40' High Cube Container

Number of Pallets per 53' Trailer



Stamba 5 COLLS Assets be.
Soc Spectrum Center Drine, Suits 1250, Innine, CA 92616, USA I TIL +1 949 748 59 96 I EMML Inquiry@ua.cj.cells.com | WES www.cj.cells.us NOTE: Installation instructions must be followed. See the installation and open of this product.

contact our technical service department for further information on appr







ROOF

LEGEND

RAFTERS

RAIL

MOUNT

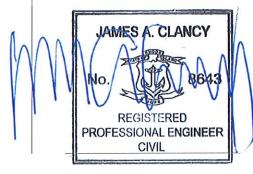
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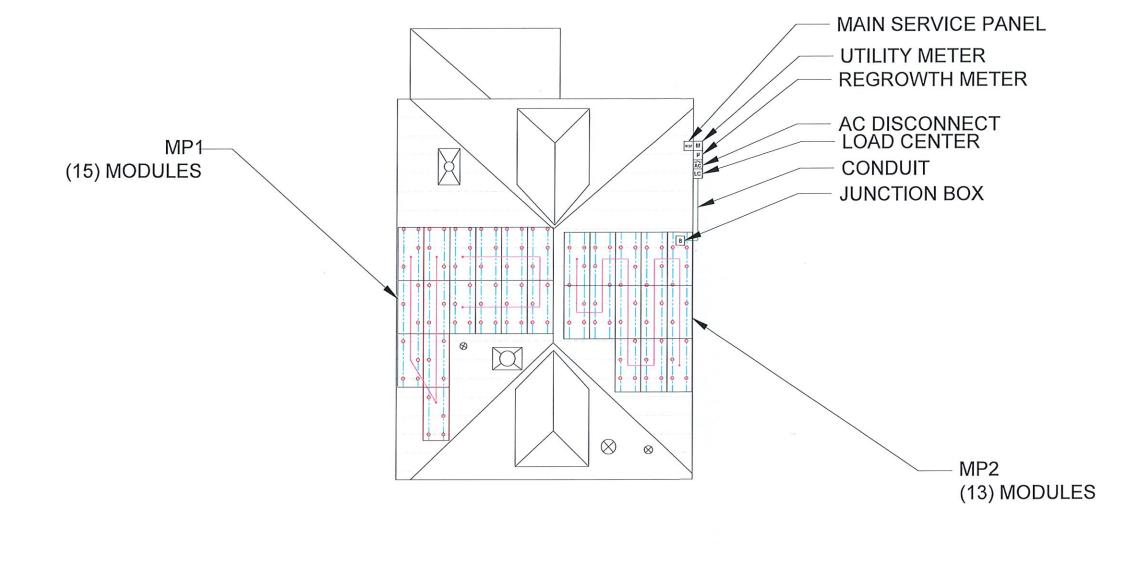
OBSTRUCTION

TOTAL PENETRATION COUNT

MP1		
RAFTER PROFILE	2X8	
RAFTER SPACING	20"	
C.J. SPACING	20"	
ATTACHMENT SPACING	48"	
ROOF PITCH	35°	
ARRAY PITCH	35°	
ROOF AZIMUTH	248°	
ARRAY AZIMUTH	248°	
ROOF SURFACE TYPE	COMP SHINGLE	
STORIES	2	

MP2		
RAFTER PROFILE	2X8	
RAFTER SPACING	20"	
C.J. SPACING	20"	
ATTACHMENT SPACING	48"	
ROOF PITCH	35°	
ARRAY PITCH	35°	
ROOF AZIMUTH	68°	
ARRAY AZIMUTH	68°	
ROOF SURFACE TYPE	COMP SHINGLE	
STORIES	2	





ROOF LEAD SIGN OFF:

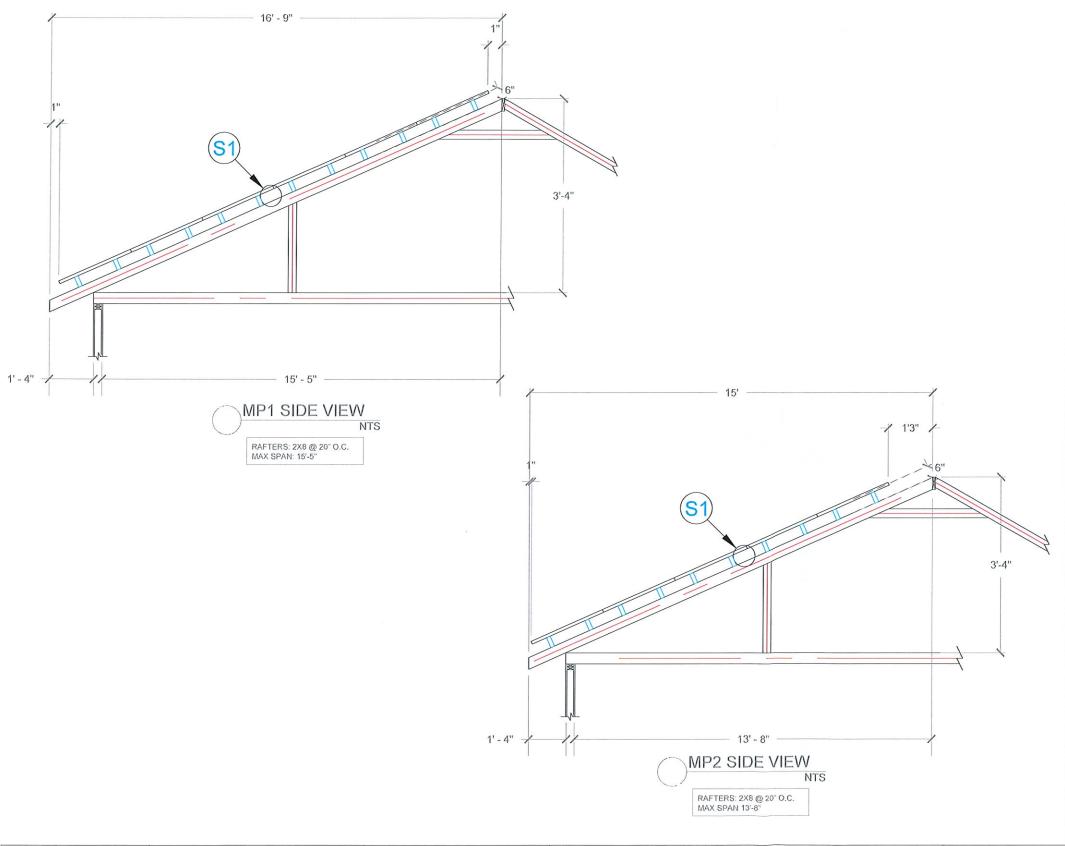
JOB NUMBER: 198892 **UTILITY: NG** UTILITY ACCT #: 50969-09040 RACKING: IRONRIDGE XR-100 MODULES: (28) HANWHA Q.PEAK DUO BLK-G5 320 SKYLINE SOLAR INVERTER: (28) ENPHASE IQ7-60-2-US

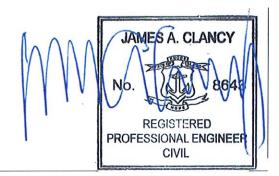
PRENTISS, LYNN 180 ONTARIO ST PROVIDENCE, RI 02907 401-263-8899

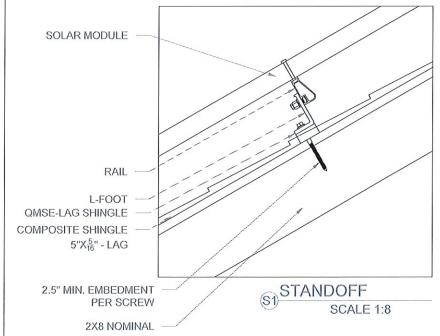
PRENTISS RESIDENCE 8.96 kW DC ROOF SOLAR SYSTEM AC SYSTEM SIZE: 6.72 KWAC

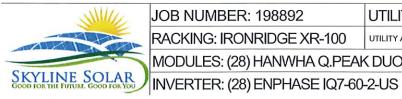
DESIGNED BY: HA 20/10/2020

PAGE NAME: ARRAY DETAIL









JOB NUMBER: 198892 UTILITY: NG RACKING: IRONRIDGE XR-100 UTILITY ACCT #: 50969-09040 MODULES: (28) HANWHA Q.PEAK DUO BLK-G5 320

OWNER: PRENTISS, LYNN 180 ONTARIO ST PROVIDENCE, RI 02907 401-263-8899

DESCRIPTION:
PRENTISS RESIDENCE 8.96 kW DC ROOF SOLAR SYSTEM AC SYSTEM SIZE: 6.72 KWAC

DESIGNED BY:		PAGE
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REV:	DATE: 20/10/2020	PAGE

NAME: STRUCTURAL VIEWS