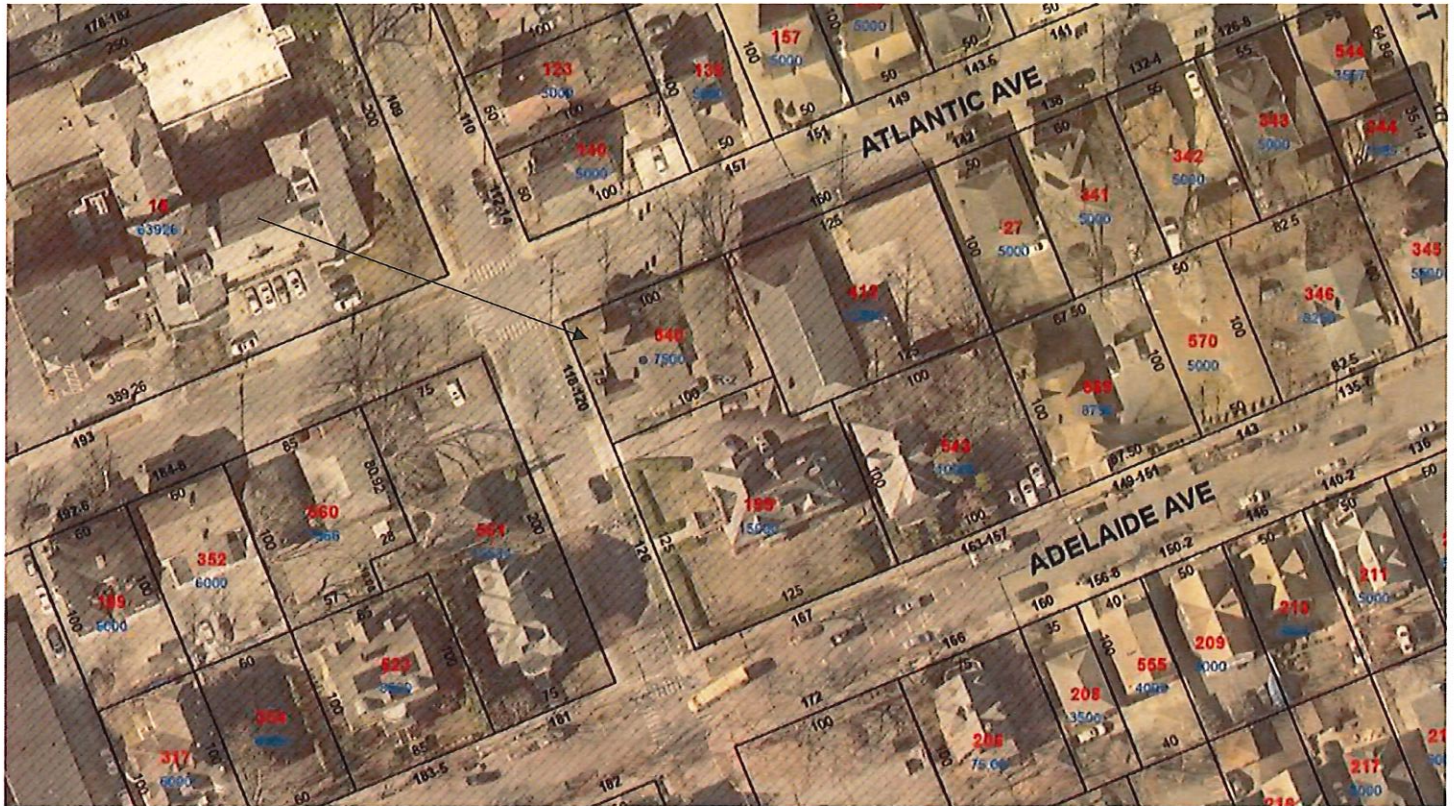
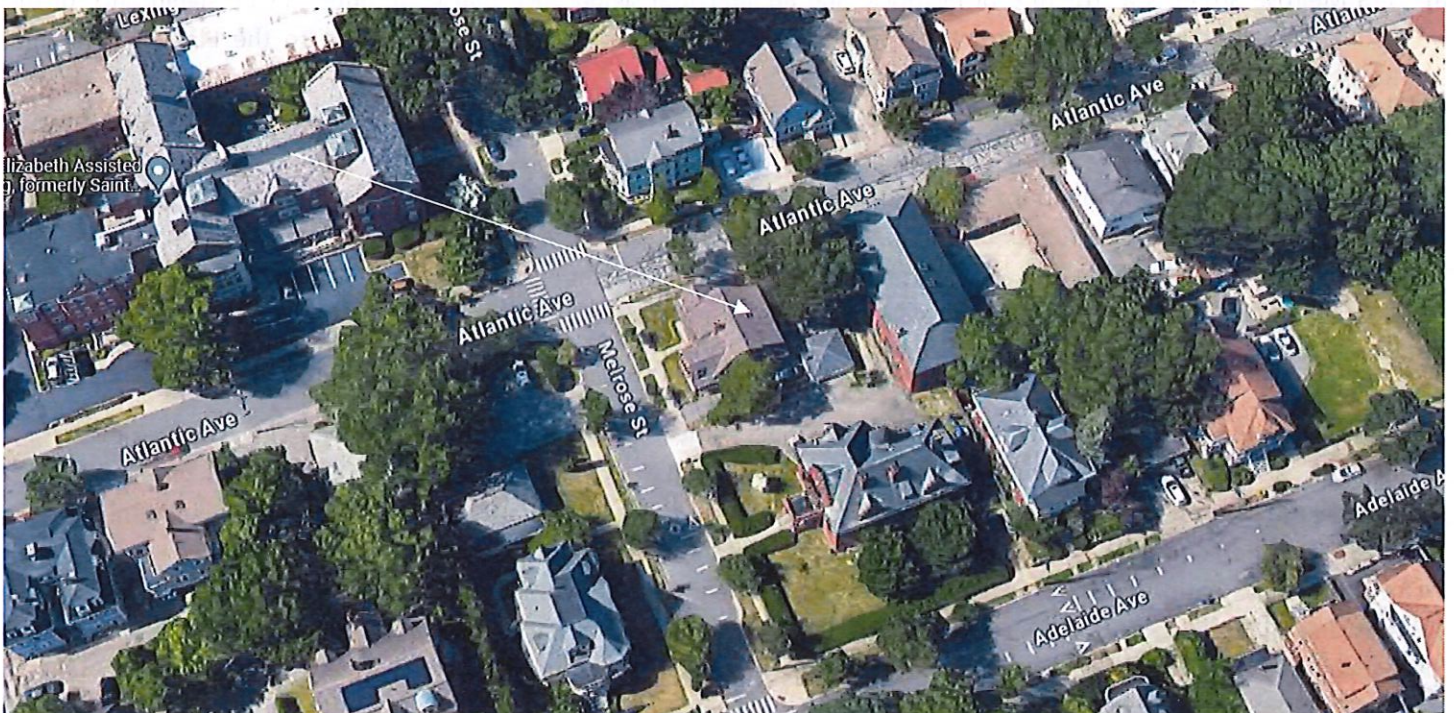


2. CASE 23.146, 118 MELROSE STREET, Thomas H. Allen House, c1923 (SOUTH ELMWOOD)
Long 2½-story L-plan, cross-gambrel, weather-boarded dwelling, with enclosed porches.
CONTRIBUTING



Arrow indicates 118 Melrose Street.



Arrow indicates project location, looking north.

Applicant/Contractor: Melissa Fleming, Freedom Forever Massachusetts, LLC, 135 Robert Treat Paine Dr., Taunton, MA 02780
Owner: Kehinde Adegoke, 118-120 Melrose Street, Providence, RI 02907

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

- installation of 16 solar panels to the rear, east slope of the cross-gambrel roof.

Issues: The following issues are relevant to this application:

- The modifications as proposed may be minimally be visible from the public rights-of-way, although they are at the rear of the building;
- The proposal before the Commission is a modified plan. Staff requested the applicants reduce the number of panels originally proposed as there was a substantial number of panels on the front elevations that would have been highly visible from within the district due to the buildings prominent position on the corner of Melrose and Atlantic;
- 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:

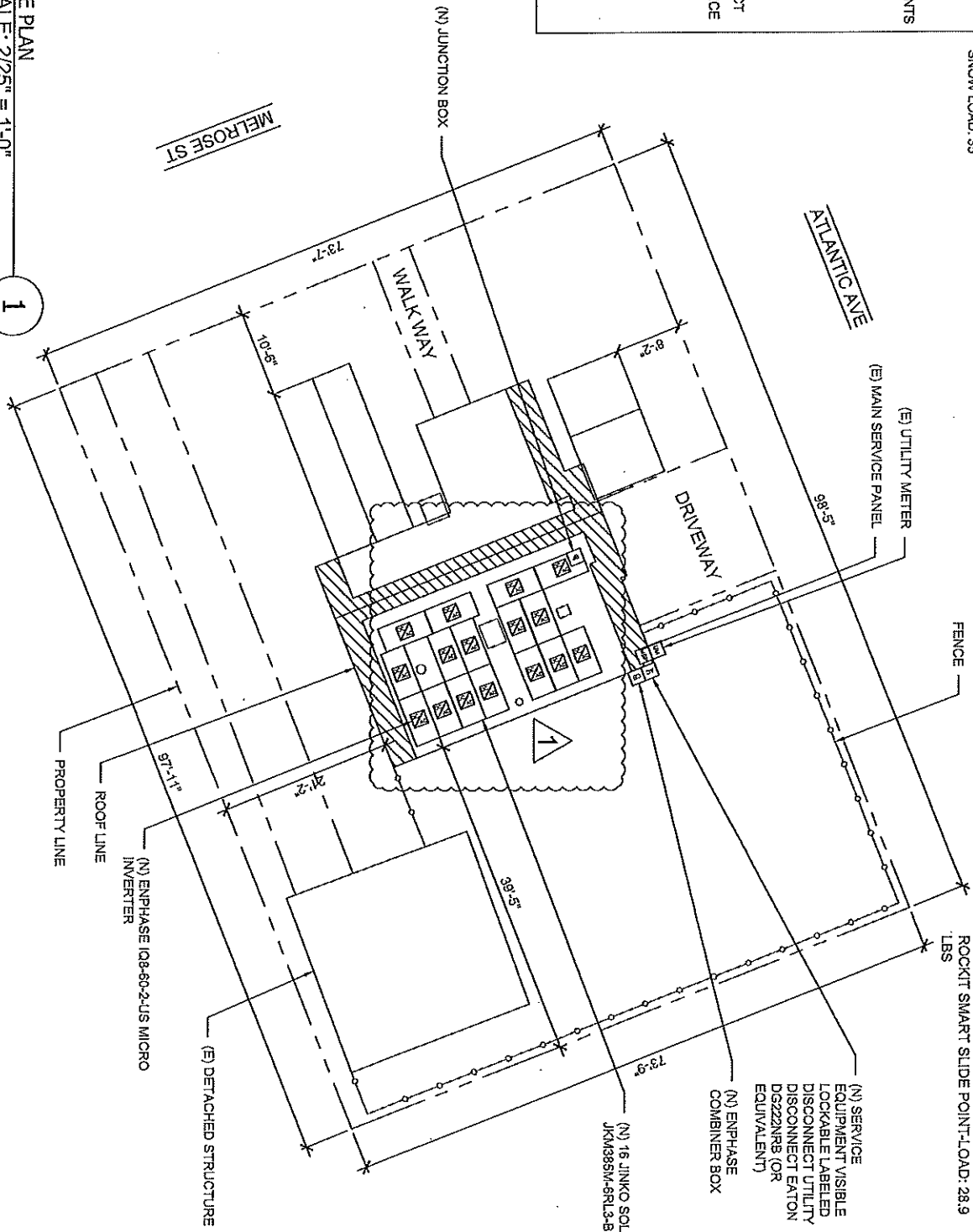
- a) 118 Melrose Street is a structure of historical and architectural significance that contributes to the significance of the South Elmwood local historic district, having been recognized as a contributing structure to the Elmwood National Register Historic District;
- b) The modifications as proposed 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. 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.



SITE PLAN
SCALE: 2/25" = 1'-0"

1



THIS SYSTEM DESIGNED WITH:
WIND SPEED: 135
WIND EXPOSURE: C
SNOW LOAD: 35

TOTAL ROOF AREA: 1633 SQ FT
TOTAL ARRAY AREA: 328.74 SQ FT
ARRAY COVERAGE: 20.13%
SYSTEM DISTRIBUTED WEIGHT: 2.29 LBS
ROCKIT SMART SLIDE POINT-LOAD: 28.9 LBS

LEGEND:

	CHIMNEY
	PIPE VENT
	ATTACHMENTS
	MODULES
	RAFTERS
	RAIL
	SETBACK
	AC DISCONNECT
	MAIN SERVICE PANEL
	JUNCTION BOX
	MICRO INVERTER COMBINER BOX

PV SYSTEM
6,180 KW-DC
3,840 KW-AC

No. 14631
REGISTERED PROFESSIONAL ENGINEER ELECTRICAL
JOUNGHO CHOI

CLIENT:
KENNEDY ADECOKE
118-120 MELROSE ST, PROVIDENCE, RI 02907
AHL CITY OF PROVIDENCE (RI)
UTILITY: RHODE ISLAND ENERGY
APN: PR04-000025-00000-000540
PHONE: (401)451-5858
EMAIL: KENNEDY.ADECOKE@CTMAIL.COM

SYSTEM:
SYSTEM SIZE (DC): 18 X 365 = 6,180 KW
SYSTEM SIZE (AC): 3,840 KW
MODULES: 16 X JINKO SOLAR
JAG655M-RL-5
MICROINVERTERS: 18 X ENPHASE IQ8-60-2-US

NO.	REVISIONS	DATE
1	REVISED BY	10/02/2023

Freedom
FREEDOM FOREVERVILLE
135 ROBERT TRENT PAINE DR., VAUNTON, RI 02932
781-860-1234
SERIES A LICENSED CONTRACTOR
CONTRACTOR LICENSE:
ELECTRICAL CONTRACTOR
PROFESSIONAL CERTIFICATE REPORT-100
GENERAL CONTRACTOR CC-44187

JOB NO: 1008/2023
DATE: 10/02/2023
DESIGNED BY: MLL
SHEET: PV-2

THIS SYSTEM DESIGNED WITH:
 TOTAL SPEED: 135
 WIND EXPOSURE: C
 SNOW LOAD: 35

TOTAL ROOF AREA: 1633 SQ FT
 TOTAL ARRAY AREA: 328.74 SQ FT
 TOTAL ARRAY AREA AS A % TO ROOF
 AREA=20.13%
 20.13%-<33%

TOTAL ROOF AREA: 1633 SQ FT
 TOTAL ARRAY AREA: 328.74 SQ FT
 ARRAY COVERAGE: 20.13%
 SYSTEM DISTRIBUTED WEIGHT: 2.29 LBS
 ROCKIT SMART SLIDE POINT-LOAD: 28.9
 LBS

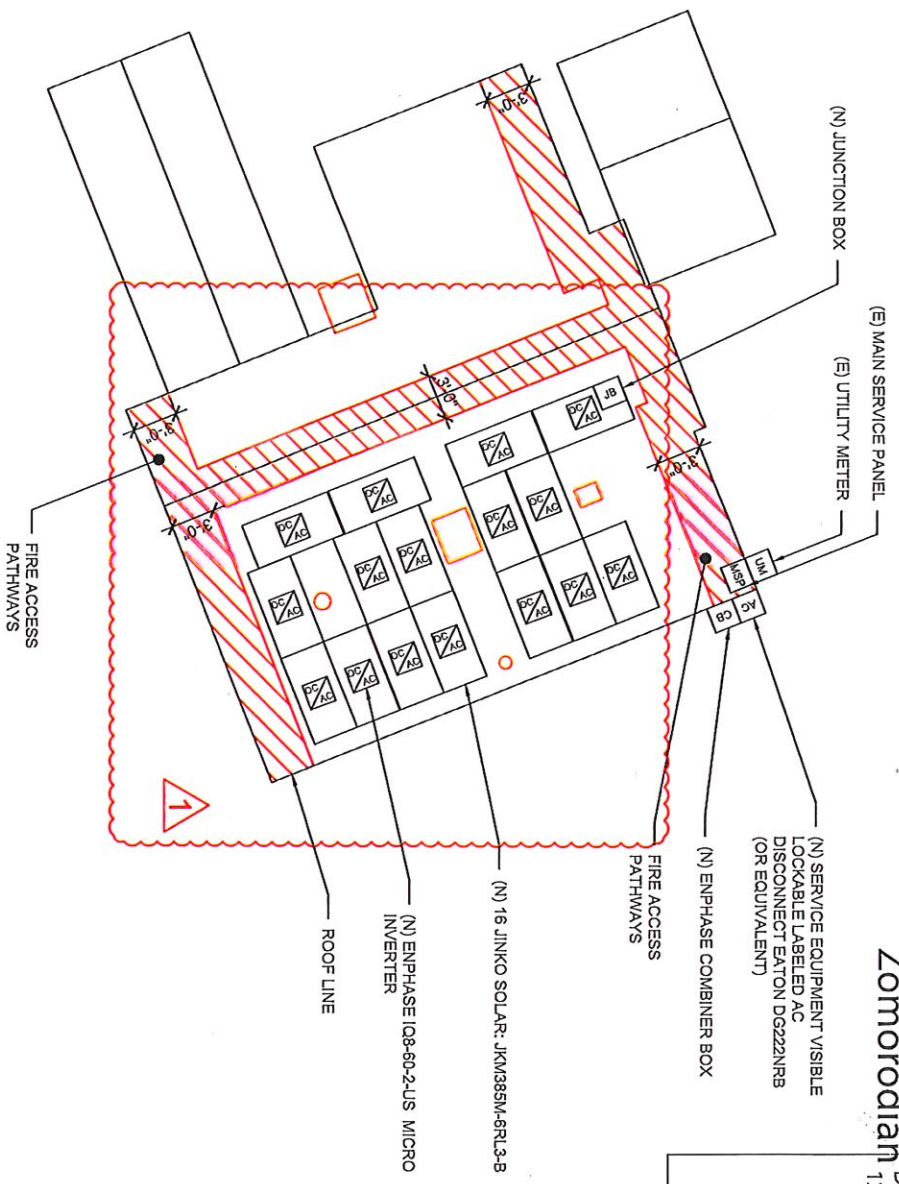
S. M. Mehdi
 Zomorodian

Digitally signed by S. M. Mehdi Zomorodian
 M. Mehdi Zomorodian
 Date: 2023.10.30
 12:19:50 -0500'
 14323
 REGISTERED
 PROFESSIONAL ENGINEER
 STRUCTURAL

LEGEND:

	CHIMNEY
	PIPE VENT
	ATTACHMENTS
	MODULES
	RAFTERS
	RAIL
	SETBACK
	AC DISCONNECT
	MAIN SERVICE PANEL
	JUNCTION BOX
	MICRO INVERTER COMBINER BOX
	DC/AC
	CB

PV SYSTEM
 6.160 KW-DC
 3.840 KW-AC



ROOF PLAN
 SCALE: 1/8" = 1'-0"

1

- NOTES:
1. EMT CONDUIT ATTACHED TO THE ROOF USING CONDUIT MOUNTS
 2. ATTACHED CLAMPS AT 25% FROM THE EDGE AND 50% FROM THE CENTER OF THE MODULES
 3. JUNCTION BOX IS MOUNTED TO THE RAIL.

ROOF AREA: 1633 SQ FT		
CLIENT:	KEHINDE ADEGBOKE 118-120 MELROSE ST, PROVIDENCE, RI 02907 ATT: CITY OF PROVIDENCE (RI) METER: 8810025-00000-000540 APN: PRO-V-000025-000000-000540 PHONE: (401)461-5688 EMAIL: KEHINDE.ADEGBOKE@HOTMAIL.COM	
SYSTEM:	SCHEM: 18 X 968 - 4.160 KW SYSTEM SIZE (DC): 6.160 KW MODULES: 16 X JINKO SOLAR JMK385W-6RL3-B MICROINVERTERS: 16 X ENPHASE IDB-DC-2-US	
REVISIONS		
NO.	REVISIONS	DATE
1	M.L.	10/30/2023

freedom
 ENERGY SERVICES
 135 ROBERT TRENDA DR., TAUNTON, MA 02710
 Tel: (401) 355-1075
 GREG ALBRICHT

CONTRACTOR LICENSE
 88708800 ELECTRICAL CONTRACTOR
 PROFESSIONAL CERTIFICATE NERC-100
 GENERAL CONTRACTOR CC-4187

ROOF PLAN WITH MODULES LAYOUT
 JOB NO: 382312 DATE: 10/30/2023 M.L. SHEET: PV-2A



118 melrose street providence ri

115 Melrose St
Providence, Rhode Island
Google Street View
Jul 2019 See more dates



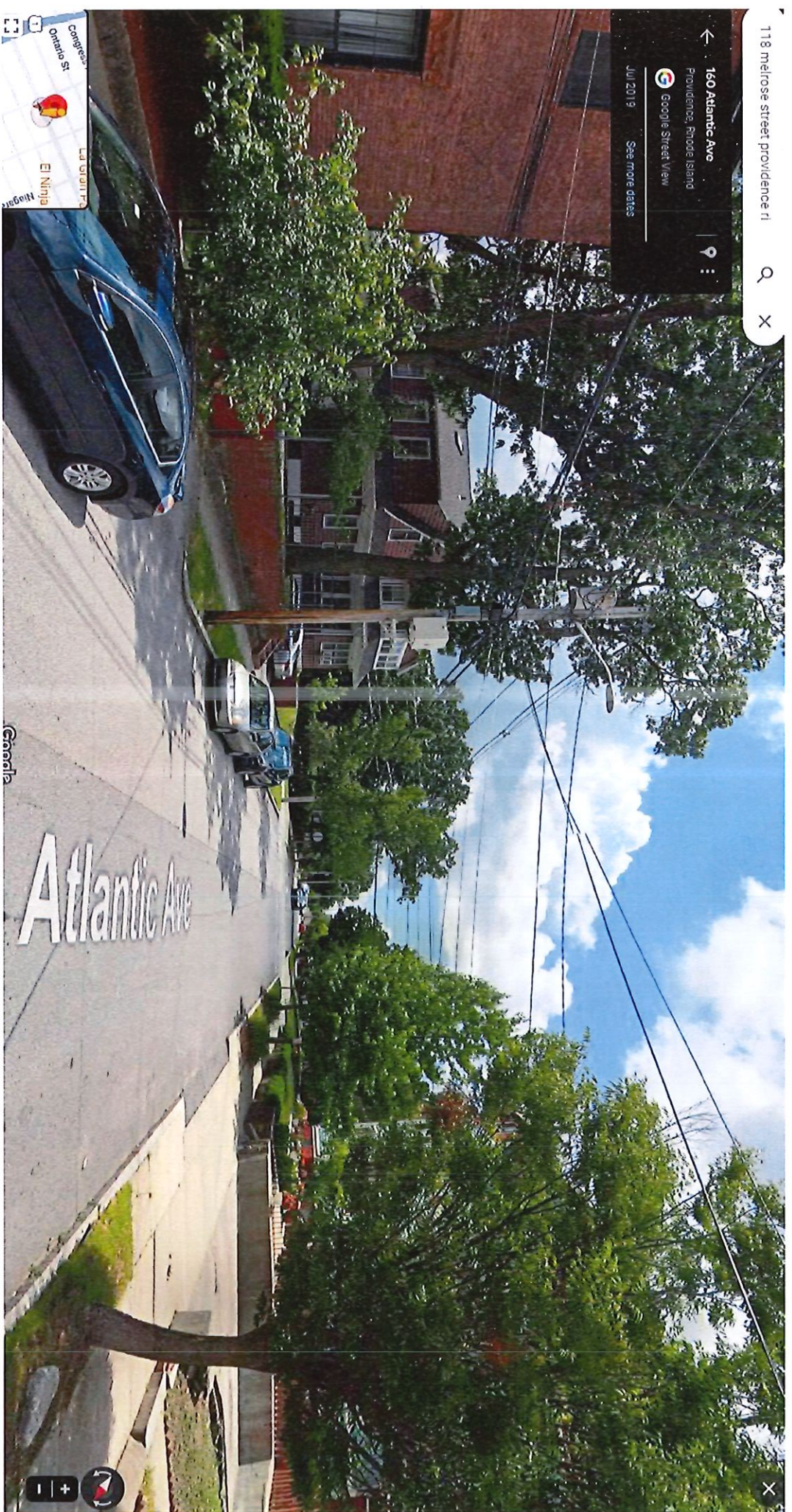
Google

El Ninja Magazine

Colleges
Ontario St

Google

Navigation controls: a compass icon, a zoom in (+) button, and a zoom out (-) button.

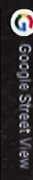


1118 melrose street providence ri



← 160 Atlantic Ave

Providence, Rhode Island



See more dates

Jul 2019



Google

