



BUILDING DEPARTMENT
 VILLAGE OF GREENPORT
 236 Third Street, Greenport, NY 11944

HISTORIC PRESERVATION COMMISSION REVIEW

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

PURSUANT TO THE PROVISIONS OF CHAPTER 48
 HISTORIC PRESERVATION LAW OF THE VILLAGE OF GREENPORT

DATE OF APPLICATION: May 21, 2023

LOCATION OF PROPERTY: 603 MAIN STR GREENPORT NY

SUFFOLK COUNTY TAX MAP NUMBER: 1001 - 2 - 6 - 46

PROPERTY OWNER: PATRICIA G. HAMMES

ADDRESS: 603 MAIN STR GREENPORT PHONE: [REDACTED]

EMAIL ADDRESS: [REDACTED]@optonline.net

ARCHITECT/DESIGNER: ELEMENT ENERGY / E 2 STS

ADDRESS: 7470 SOUND AVENUE MATTITUCK PHONE: 631 [REDACTED]

EMAIL ADDRESS: _____

Type of Proposed Work

COMMERCIAL RESIDENTIAL

Site Work

- ___ FENCE AND GATES
- ___ DRIVEWAY, WALK, PATIO, OTHER PAVEMENT
- ___ MAJOR EXCAVATION OR REGRADING, OR BERM
- ___ SWIMMING POOL, TENNIS COURT
- ___ OTHER STRUCTURAL LANDSCAPE ELEMENT
- ___ SIGNAGE AND AWNINGS - SUBMIT SCALE DRAWINGS TO INDICATING TO FOLLOWING:
 - SIZE OF EACH SIGN
 - COLOR
 - FONT
 - LOCATIONS OF ALL SIGNAGE AND AWNINGS ON BUILDING
 - PROPOSED MATERIALS
- MODERN FEATURES
 - SOLAR PANELS + placement of AC condenser units
 - SKYLIGHTS
 - OUTDOOR SHOWERS
 - ___ OTHER

Landscape Planting

- ___ HEDGE ALONG STREET AND/OR PROPERTY BOUNDARY LINES
- ___ PLANTINGS INTENDED TO SCREEN OTHER WORK DESCRIBED IN THIS APPLICATION

Buildings

- NEW CONSTRUCTION
- ADDITION
- DEMOLITION
- REMOVAL
- ACCESSORY BUILDING

Building Alterations

- EXTERIOR WALL MATERIAL
- ROOF MATERIAL AND COLOR
- CHIMNEY MATERIAL
- FOUNDATION MATERIAL
- DOORWAYS (INCLUDING STORM/SCREEN DOORS)
- WINDOWS (INCLUDING STORM/SCREEN SASH) AND SHUTTERS
- PORCHES AND STEPS
- TRIM AND DECORATIVE DETAIL
- GUTTERS AND LEADERS
- PAINT AND STAIN
- EXTERIOR LIGHTING
- OTHER

PROVIDE A GENERAL DESCRIPTION OF THE PROPOSED WORK (USE ADDITIONAL SHEETS IF NECESSARY, REFER TO THE ACCOMPANYING EXHIBITS).

SEE ATTACHMENT

LIST ALL EXHIBITS SUBMITTED WITH THIS APPLICATION. ACTUAL SAMPLES OF MATERIALS AND/OR DESCRIPTIONS OF ACTUAL MATERIALS ARE REQUIRED. (REFER TO THE INSTRUCTIONS FOR THE REQUIRED SUBMISSIONS).

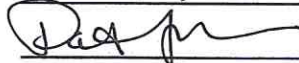
SEE ATTACHMENT

OTHER APPROVALS REQUIRED:

SIGNATURE OF OWNER OR AUTHORIZED AGENT:

DATE:

BUILDING PERMIT



May 22, 2023

GENERAL DESCRIPTION OF PROPOSED WORK

Installation of photovoltaic silicon solar panels on west side roof of the garage. The garage was rebuilt/restored in 2012/2013 (with HPC approval), previously it was a corrugated metal rusted out structure. The west side roof of the garage currently includes three skylights (which were approved by the HPC at the time of installation). The installation will consist of 19 panels laid out around the skylights and are depicted in Exhibit B hereto.

At the same time that we will be installing the solar panel system, we intend to add air conditioning to parts of the inside of the house. This will require us to place 2 condenser units outside of the house. We propose to place these on the back north side of the house in an area that is surrounded by plantings and which is generally not visible to the public. The location is depicted on the survey attached as Exhibit A hereto. In the case that there are any issues running lines from this area, as a back up we would like approval to also place these if necessary in the back of the house near the basement door (also indicated on Exhibit A hereto). There are numerous houses throughout the historic district with condenser units that are visible from the street/sidewalk, including at the house across the street from us located at 541 Main Street.

EXHIBITS

1. EXHIBIT A: Portion of survey showing placement of AC units and solar panels
2. EXHIBIT B: Satellite view/compute drawing of solar panels on west side of garage
3. EXHIBIT C1-C5: Pictures of condenser units and solar panel information
4. EXHIBIT D-1-D~~6~~: Pictures of house and other nearby residences

5

Y OF LOTS 83, 84, AND 85
 MAP DATED AUGUST 1, 1837,
 BY HUGH HALSEY, MASTER IN CHANCERY,
 IN THE SUFFOLK COUNTY CLERKS OFFICE,
 ED MAP #9

VILLAGE OF GREENPORT
 OUTHOLD
 COUNTY, NY

1-05-2008
 14-2011
 TY TAX #
 46

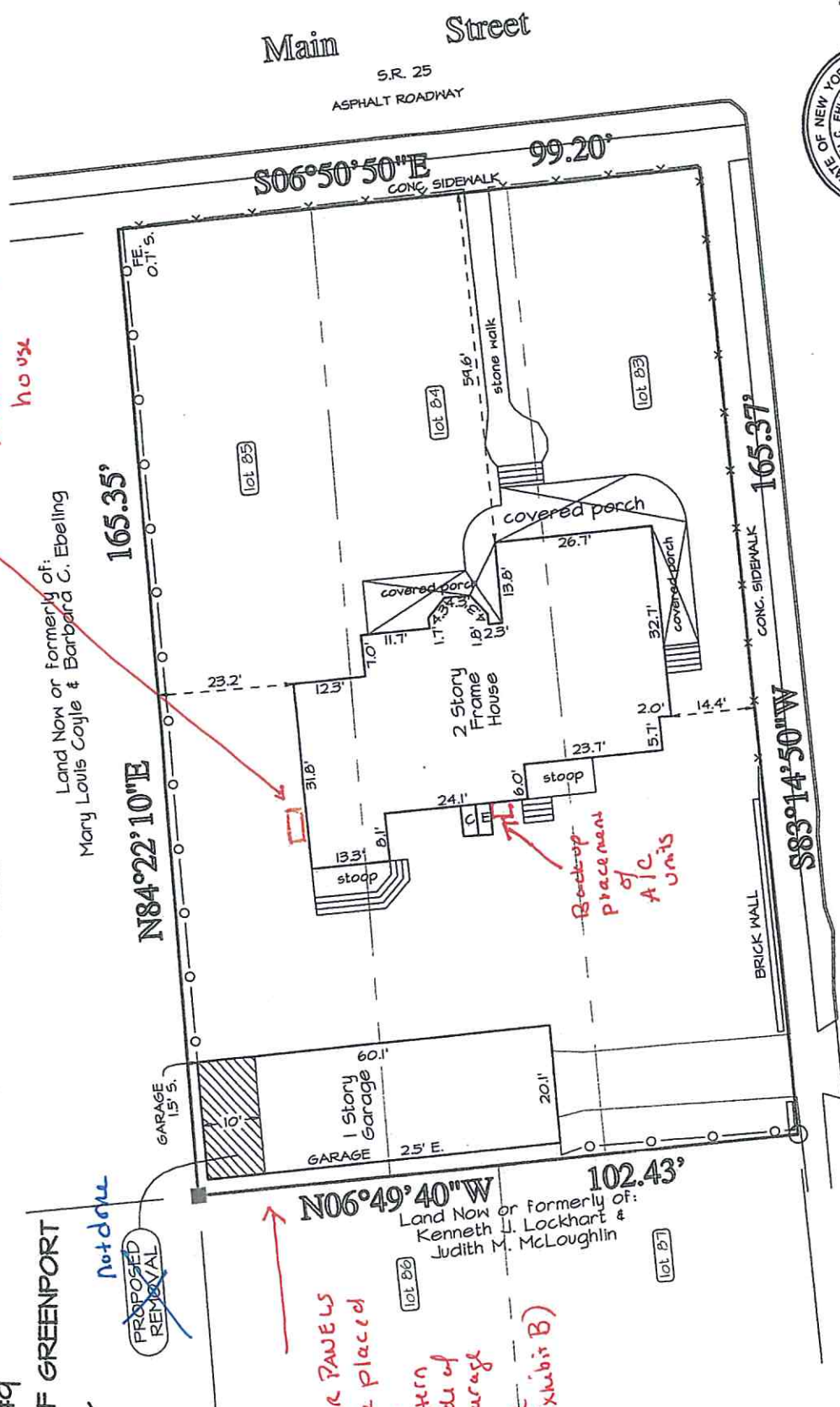
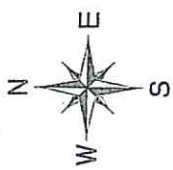
ES
 TITLE INSURANCE
 W YORK

① SOLAR PANELS
 to be placed
 ON
 western
 side of
 garage
 (see
 Exhibit B)

A/C units to
 be placed on
 North side of
 house

Back-up
 placement
 of
 A/C units

not done
 PROPOSED
 REMOVAL



JOHN C. EHLERS LAND SURVEYOR
 N.Y.S. LIC. NO. 5020
 369-8288 Fax 369-821
 REF.: C:\Users\John\Dropbox\08\08\08-177 revised 07-14-2011.p

North Street
 ASPHALT ROADWAY

MONUMENT FOUND
 PIPE FOUND

7.5F OR 0.3826 ACRES



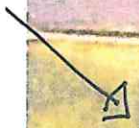
EXHIBIT A

2118112

Existing Layout



Customer: Patricia Hammes
Project Name: 603 Main St, Greenport, NY 11944, USA
Address: 603 Main St
Greenport, NY 11944
System Size: 7.60 kW
Production: 8,488 kWh



powered by **ELEMENT**

EXHIBIT C1 ✓

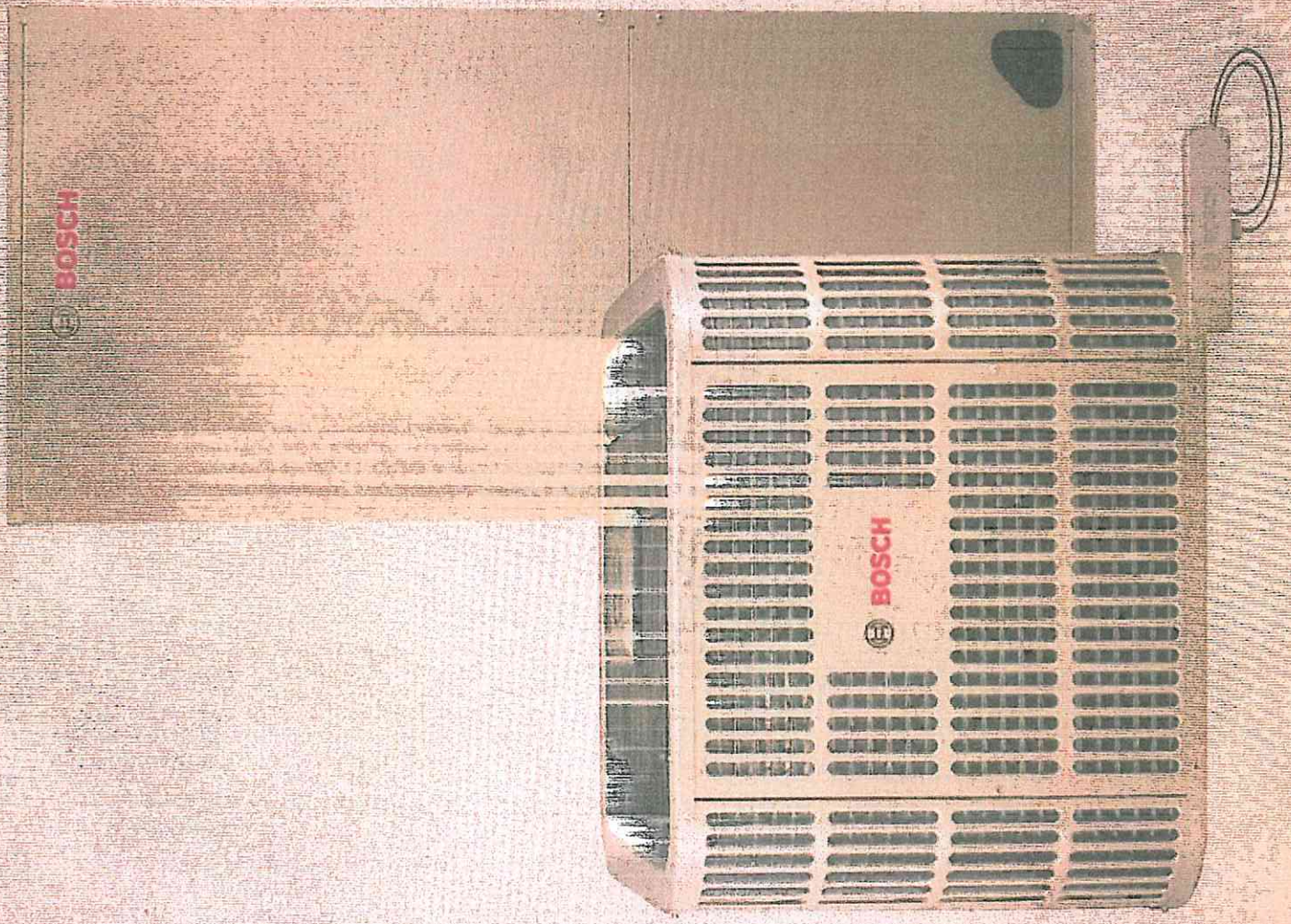
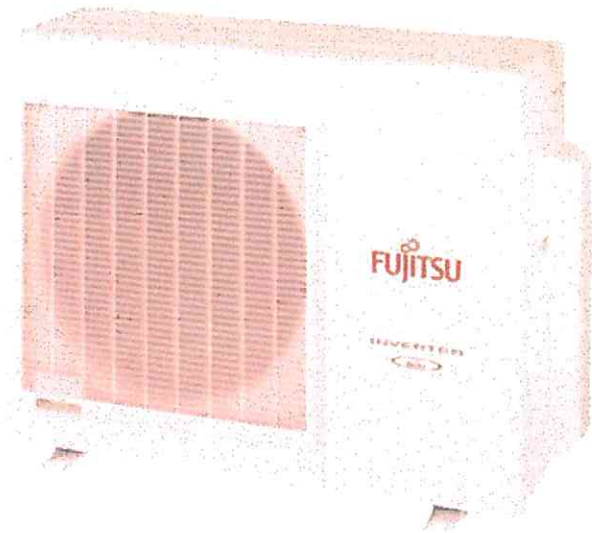


EXHIBIT C2



powered by

Q.ANTUM DUO

Q.PEAK DUO BLK ML-G10+

385-405

ENDURING HIGH PERFORMANCE



Q.ANTUM DUO Z Technology with zero gap cell layout boosts module efficiency up to 20.9%.



Q CELLS is the first solar module manufacturer to pass the most comprehensive quality programme in the industry: The new "Quality Controlled PV" of the independent certification institute TÜV Rheinland.



Optimal yields, whatever the weather with excellent low-light and temperature behavior.



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



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



Inclusive 25-year product warranty and 25-year linear performance warranty².

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

THE IDEAL SOLUTION FOR:



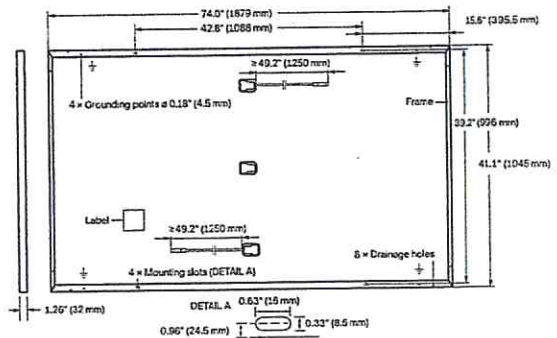
Rooftop arrays on residential buildings

EXHIBIT C-3

Engineered in Germany



Formast	74.0 in x 41.1 in x 1.26 in (including frame) (1879 mm x 1045 mm x 32 mm)
Weight	48.5 lbs (22.0 kg)
Front Cover	0.13 in (3.2 mm) thermally pre-stressed glass with anti-reflection technology
Back Cover	Composite film
Frame	Black anodized aluminum
Cell	6 x 22 monocrystalline Q.ANTUM solar half cells
Junction Box	2.09-3.98 in x 1.26-2.36 in x 0.59-0.71 in (53-101 mm x 32-60 mm x 15-18 mm), IP67, with bypass diodes
Cable	4 mm ² Solar cable; (+) ≥ 49.2 in (1250 mm), (-) ≥ 49.2 in (1250 mm)
Connector	Stäubli MC4; IP68

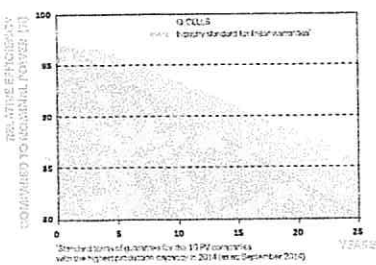


POWER CLASS		385	390	395	400	405	
MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STC ¹ (POWER TOLERANCE +5W / -0W)							
Minimum	Power at MPP ²	P _{MPP} [W]	385	390	395	400	405
	Short Circuit Current ²	I _{SC} [A]	11.04	11.07	11.10	11.14	11.17
	Open Circuit Voltage ²	V _{OC} [V]	45.19	45.23	45.27	45.30	45.34
	Current at MPP	I _{MPP} [A]	10.59	10.65	10.71	10.77	10.83
	Voltage at MPP	V _{MPP} [V]	36.36	36.62	36.88	37.13	37.39
	Efficiency ²	η [%]	≥19.6	≥19.9	≥20.1	≥20.4	≥20.6
MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NMOT ³							
Minimum	Power at MPP	P _{MPP} [W]	288.8	292.6	296.3	300.1	303.8
	Short Circuit Current	I _{SC} [A]	8.90	8.92	8.95	8.97	9.00
	Open Circuit Voltage	V _{OC} [V]	42.62	42.65	42.69	42.72	42.76
	Current at MPP	I _{MPP} [A]	8.35	8.41	8.46	8.51	8.57
	Voltage at MPP	V _{MPP} [V]	34.59	34.81	35.03	35.25	35.46

¹Measurement tolerances P_{MPP} ±3%; I_{SC}; V_{OC} ±5% at STC: 1000W/m², 25±2°C, AM 1.5 according to IEC 60904-3 • 700W/m², NMOT, spectrum AM 1.5

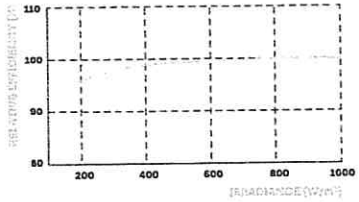
Q CELLS PERFORMANCE WARRANTY

PERFORMANCE AT LOW IRRADIANCE



At least 98% of nominal power during first year. Thereafter max. 0.5% degradation per year. At least 93.5% of nominal power up to 10 years. At least 86% of nominal power up to 25 years.

All data within measurement tolerances. Full warranties in accordance with the warranty terms of the Q CELLS sales organisation of your respective country.



Typical module performance under low irradiance conditions in comparison to STC conditions (25°C, 1000W/m²)

TEMPERATURE COEFFICIENTS

Temperature Coefficient of I _{SC}	α [%/K]	+0.04	Temperature Coefficient of V _{OC}	β [%/K]	-0.27
Temperature Coefficient of P _{MPP}	γ [%/K]	-0.34	Normal Module Operating Temperature	NMOT [°F]	109±5.4 (43±3°C)

Maximum System Voltage V _{DC}	[V]	1000 (IEC)/1000 (UL)	PV module classification	Class II
Maximum Series Fuse Rating	[A DC]	20	Fire Rating based on ANSI/UL 61730	TYPE 2
Max. Design Load, Push/Pull ²	[lbs/ft ²]	75 (3600Pa)/55 (2660Pa)	Permitted Module Temperature on Continuous Duty	-40°F up to +185°F (-40°C up to +85°C)
Max. Test Load, Push/Pull ²	[lbs/ft ²]	113 (5400Pa)/84 (4000Pa)		

² See Installation Manual

UL 61730, CE-compliant, Quality Controlled PV - TÜV Rheinland, IEC 61215:2016, IEC 61730:2016, U.S. Patent No. 9,893,215 (solar cells), QCPV Certification ongoing.



Horizontal packaging	76.4 in 1940 mm	43.3 in 1100 mm	48.0 in 1220 mm	1656 lbs 751 kg	24 pallets	24 pallets	32 modules
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Note: Installation instructions must be followed. See the installation and operating manual or contact our technical service department for further information on approved installation and use of this product.

Henwha Q CELLS America Inc.
400 Spectrum Center Drive, Suite 1400, Irvine, CA 92618, USA | +1 949 748 59 96 | inquiry@us.q-cells.com | www.q-cells.us

EXHIBIT C-4

Specifications subject to technical changes © Q CELLS G.PEAK/D.VO.BLK.ML-G10-385-405-2021-05_Rev01_NA

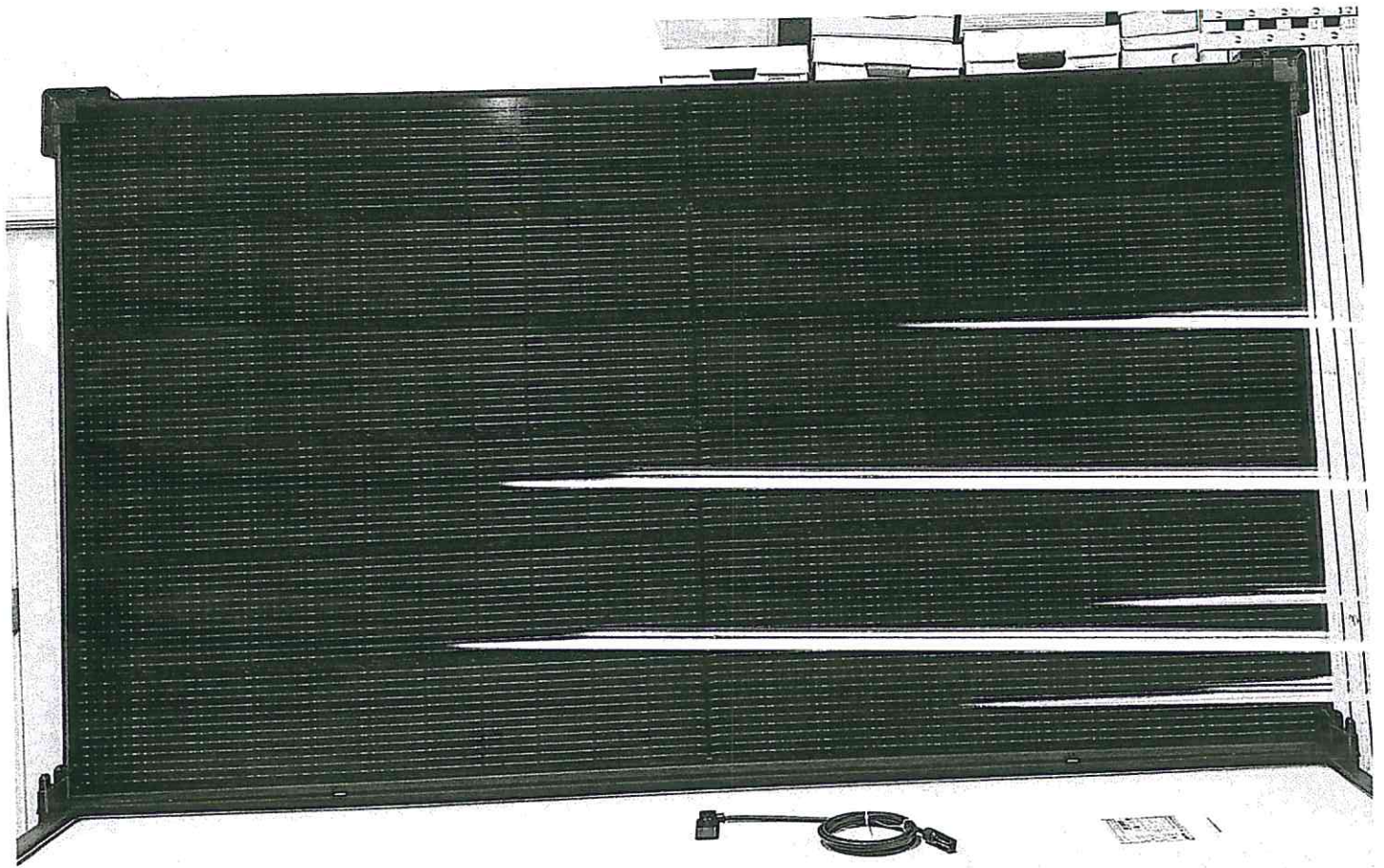
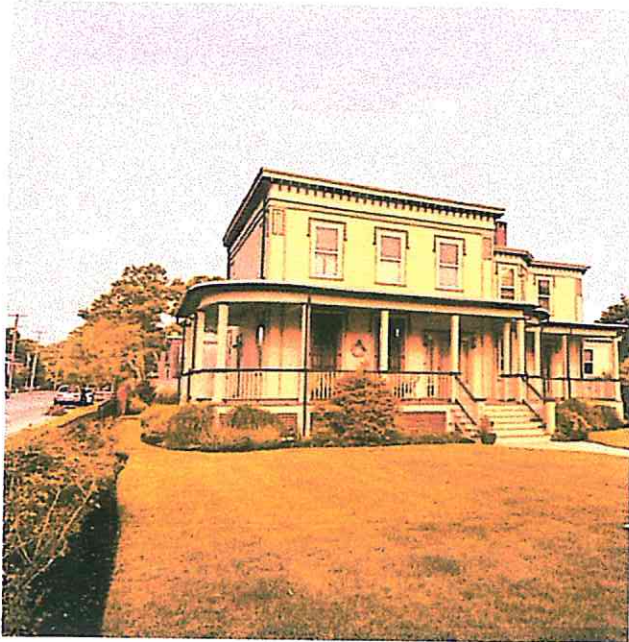
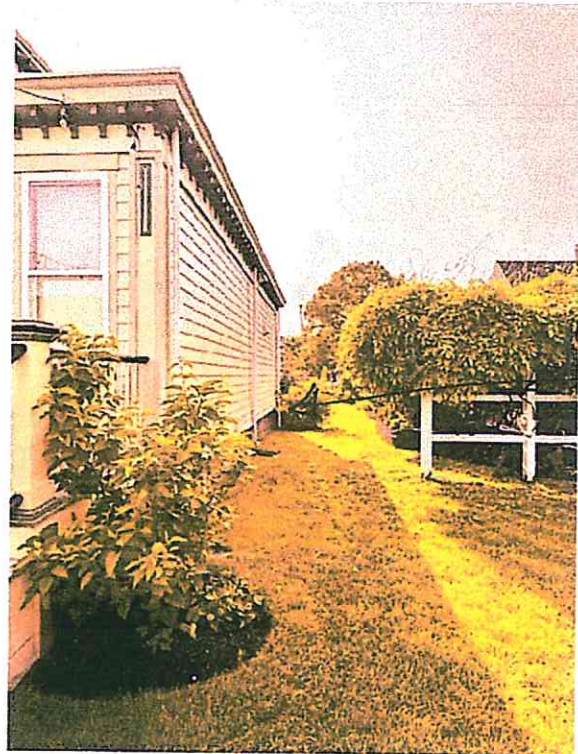


EXHIBIT 5

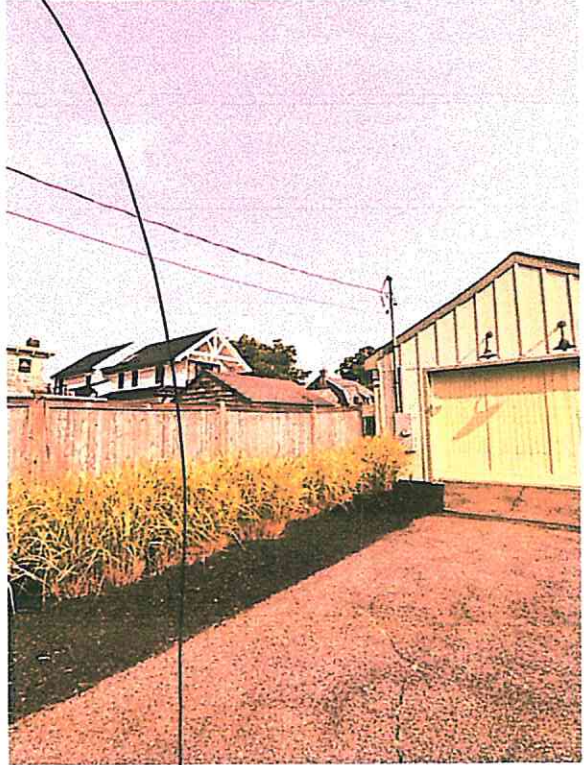


AC
unit
placement
#1
(behind
bush)



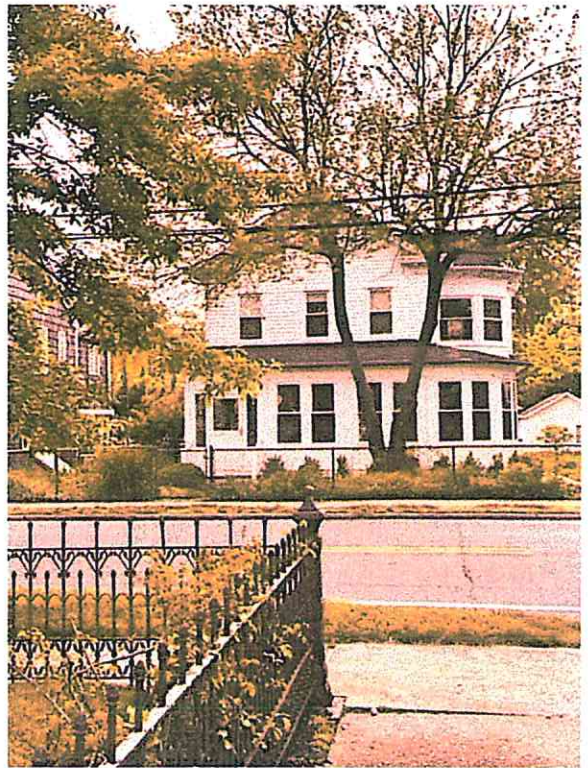
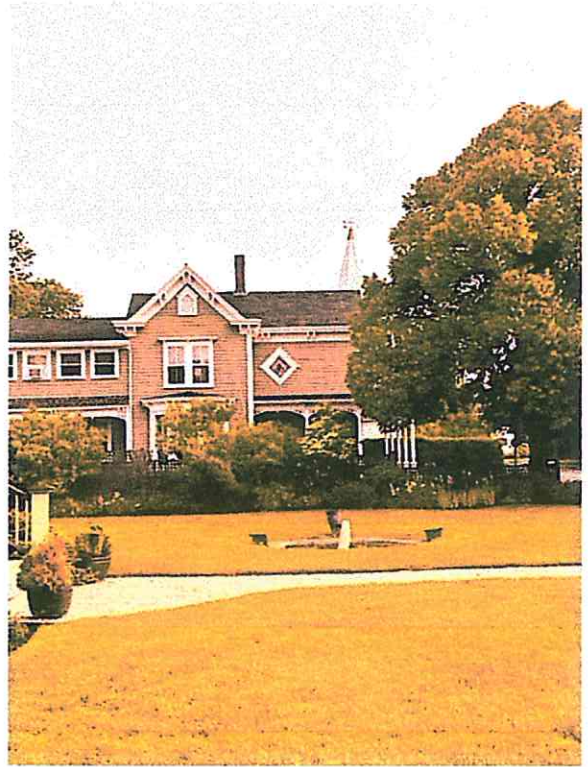
FRONT & SIDE VIEW OF HOUSE

A/C UNIT second location



BACK VIEW OF HOUSE
STREET VIEW OF GARAGE (NORTH STR)

EXHIBIT 0-2

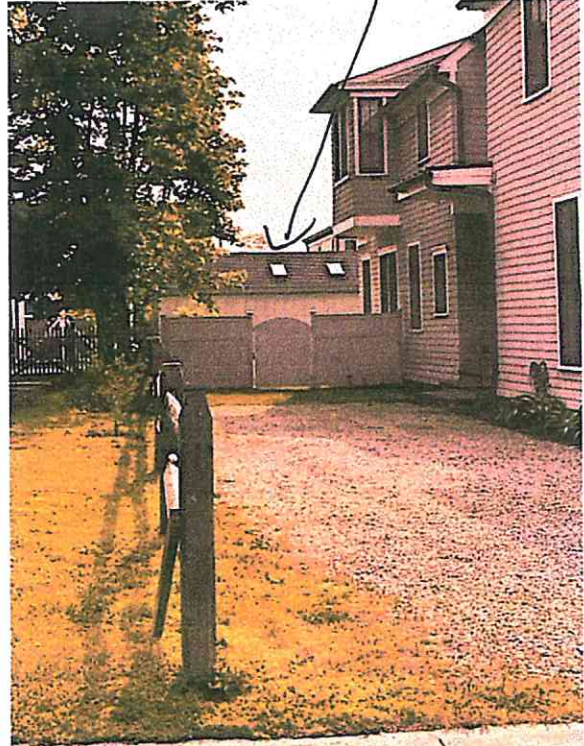


NEIGHBORING HOUSES



NEIGHBORING HOUSES

GARAGE
BACK VIEW
FROM 1ST
STL



GARAGE BACK VIEW
FROM 1ST / NORTH



GARAGE VIEW
FROM ~~REAR~~
1ST STR



Village of Greenport Building Department

236 Third Street, Greenport, New York, 11944

(631) 477-0248 Ext. 212

www.villageofgreenport.org

ASBESTOS CERTIFICATION FORM

Notice to Building Applicants:


AN ASBESTOS SURVEY IS REQUIRED FOR ALL RENOVATION, REMODELING, REPAIR AND DEMOLITION OF ALL INTERIOR AND EXTERIOR BUILDING MATERIALS.

AS PER NEW YORK STATE INDUSTRIAL CODE RULE 56, ASBESTOS MATERIAL MUST BE ABATED BY LICENSED CONTRACTORS UTILIZING CERTIFIED ASBESTOS HANDLERS, WITH THE EXCEPTION OF OWNER-OCCUPIED SINGLE-FAMILY HOMES, WHERE THE OWNER MAY REMOVE THE ASBESTOS AND RENOVATE THESE STRUCTURES THEMSELVES. IT IS NOT RECOMMENDED THAT THE OWNER PERFORM ABATEMENT, AS THE OWNER COULD POTENTIALLY EXPOSE THEMSELVES, THEIR FAMILY AND NEIGHBORS TO ASBESTOS FIBERS IF ADEQUATE ENGINEERING CONTROLS AND WORK METHODS ARE NOT UTILIZED DURING THE ABATEMENT.

FOR FURTHER INFORMATION AND UPDATES, PLEASE SEE THE NEW YORK STATE WEBSITE AT: WWW.LABOR.STATE.NY.US OR CONTACT THE ASBESTOS CONTROL BUREAU DISTRICT OFFICE, NYS DEPARTMENT OF LABOR, ASBESTOS CONTROL BUREAU, 75 VARICK STREET, 7TH FLOOR, NEW YORK, NY 10013, TELEPHONE NUMBER 212-775-3538.

I hereby agree to abide by the conditions listed above. I understand that I am responsible to ensure these requirements are met, including all other applicable laws, rules and regulations pertaining to asbestos abatement.

Property Owner's Name: PATRICIA HAMMES

Property Owner's Signature: 

Date: 5 / 22 / 2023