

Salisbury Historic District Commission

AGENDA

Wednesday, July 26, 2023 at 7:00 pm

Government Office Building Room 301

1. **7:00 P.M. - CALL TO ORDER – Scott Saxman, Chairman**
2. **ROLL CALL**
3. **APPROVAL OF MINUTES – April 26, 2023, May 24, 2023, & June 28, 2023**

PUBLIC INPUT – Members of the public are welcome to make comment at this time, subject to a time allotment of two (2) minutes per person.

4. **CONSENT DOCKET- None**
5. **OLD BUSINESS – None**
6. **NEW BUSINESS –**
 - **#23-16- *110 E William St- Solar Panels**
 - **#23-17- 411 Wicomico St- New Construction**
 - **#23-18- 226 Newton St- Alterations**
 - **#23-19- 228 Newton St- Alterations**

*this indicates that the structure has been deemed a contributing structure by the SHDC

* this indicates that the structure has been deemed a Non-contributing structure by the SHDC

Salisbury Historic District Commission

Hearing Notification

Hearing Date: July 26, 2023

Time: 7:00 pm

Location: Government Office Building
125 N. Division Street
Salisbury, MD. 21804
Room 301

Case Number: #23-16

Commission Considering: Solar Panels

Owner's Name: Lucia Fuentes

Applicant Name: Kadiedra Jarrett

Agent/Contractor: Not Indicated

Subject Property Address: 110 E William St

Historic District: Newtown Historic District

Use Category: Residential

Chairman: Mr. Scott Saxman

HDC Staff contact: Jessica Budd
Associate Planner I
(410) 548-3170

Salisbury Historic District Commission

125 N. Division Street
Room 202
Salisbury, MD 21801
(410) 548-3170/ fax (410) 548-3107

Permit Application

\$50 Fee Received 5/2/23 (date)

Date Submitted: 5/2/2023

Date Accepted as Complete: 7/7/23

Subject Location: 110 E William St Salisbury MD 21801

Application by: Kadeidra Jarrett

Applicant Address: 525 W Baseline Rd Mesa, AZ 85210

Applicant Phone: 980-285-3407

Case #: 23-16

Action Required By (45 days): 9/16/23

Owner Name: Lucia Fuentes

Owner Address: 110 E William St Salisbury MD 21801

Owner Phone: (410) 845-0824

Owner Email: luciasandoval@hotmail.es

Work Involves: Alterations New Construction Addition Other Roof Solar
 Demolition Sign Awning Estimated Cost \$46,926.38

DESCRIPTION OF WORK PROPOSED (Please be specific. Attach sheet if space is inadequate) Type of material, color, dimensions, etc. must accompany application. If signs are proposed, indicate material, method of attachment, position on building, size and front lineal feet of building, size and position of all other signs on building, and a layout of the sign.

Rooftop Solar Installation 9.6kW(24 panels)

Are there any easements or deed restrictions for the exterior of this property? If yes, submit a letter from the easement holder stating their approval of the proposed work. Yes No

Do you intend to apply for Federal or State Rehabilitation Tax Credits? If yes, have you contacted Maryland Historical Trust staff? Yes No

If you have checked "Yes" to either of the above questions, please provide a copy of your approval letter from the Maryland Historic Trust along with this application.

See Reverse Side for DOCUMENTS REQUIRED TO BE FILED WITH APPLICATION

All required documents must be submitted to the City Planner, Department of Infrastructure and Development at least 30 days prior to the next public meeting. Failure to include all the required attachments and/or failure of the applicant or his/her authorized representative to appear at the scheduled meeting may result in postponement of the application until the next regular scheduled meeting. If an application is denied, the same application cannot be resubmitted for one year from date of such action. Please be advised that members of the Salisbury Historic District Commission or staff, may visit the subject property prior to the scheduled meeting date to familiarize themselves with the project.

The Salisbury Historic District Commission Rules and Regulations and Design Guidelines are available for review in the office of the Department of Infrastructure and Development for the City of Salisbury as well as on the City's website: www.ci.salisbury.md.us.

I, or my authorized representative, will appear at the meeting of the Salisbury Historic District Commission on July, 26 2023 (date).

I hereby certify that the owner of the subject premises has been fully informed of the alterations herein proposed and that said owner is in full agreement with this proposal.

Applicant's

Signature Kadeidra Jarrett

Date 5/2/2023

Jessica Budd 6/8/23
Application Processor (Date)

Brian Soper 6/8/23
Secretary, S.H.D.C. (Date)







SCOPE OF WORK:
 TO INSTALL A ROOF MOUNTED SOLAR PHOTOVOLTAIC SYSTEM AT THE OWNER RESIDENCE LOCATED AT 110 E. WILLIAM ST., SALISBURY, MD 21801, USA. THE POWER GENERATED BY THE PV SYSTEM WILL BE INTERCONNECTED WITH THE UTILITY GRID THROUGH THE EXISTING ELECTRICAL SERVICE EQUIPMENT. THE PV SYSTEM DOES NOT INCLUDE STORAGE BATTERIES

EQUIPMENT SUMMARY
 24 HYPERION HY-DH108P8 400W MODULES
 01 SOLAREEDGE SE7600H-US INVERTER
 24 SOLAREEDGE POWER OPTIMIZERS S440

PROJECT DESCRIPTION:

24 X 400 HYPERION HY-DH108P8 400W MODULES
 ROOF MOUNTED SOLAR PHOTOVOLTAIC MODULES
SYSTEM SIZE: 9.60 kW DC STC
ARRAY AREA: ROOF#1 - 147.07 SQ FT
ARRAY AREA: ROOF#2 - 105.05 SQ FT
ARRAY AREA: ROOF#3 - 252.12 SQ FT

AUTHORITIES HAVING JURISDICTION
 BUILDING : SALISBURY CITY
 ZONING : SALISBURY CITY
 UTILITY : DELMARVA POWER

APPLICABLE CODES & STANDARDS:

2018 INTERNATIONAL BUILDING CODE
 2018 INTERNATIONAL RESIDENTIAL CODE
 2018 INTERNATIONAL FIRE CODE
 2017 NATIONAL ELECTRICAL CODE

DESIGN CRITERIA	
WIND SPEED	117 MPH VULT
RISK CATEGORY	II
EXPOSURE CATEGORY	C
MOUNTING METHOD	ROOF MOUNT
GROUND SNOW LOAD	20 PSF

SHEET INDEX

PV-0 COVER SHEET
 PV-1 PLOT PLAN
 PV-2 ROOF PLAN & MODULES
 PV-2A STRING LAYOUT
 PV-3 ATTACHMENT DETAIL
 PV-4 to 4A ELECTRICAL LINE DIAGRAM
 PV-5 WIRING CALCULATIONS
 PV-6 to 6A WARNING LABELS & PLACARDS
 PV-7 JOB SAFETY PLAN
 PV-8 to 14 EQUIPMENT SPECIFICATIONS

GENERAL NOTES:

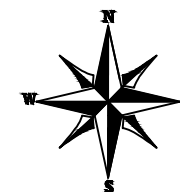
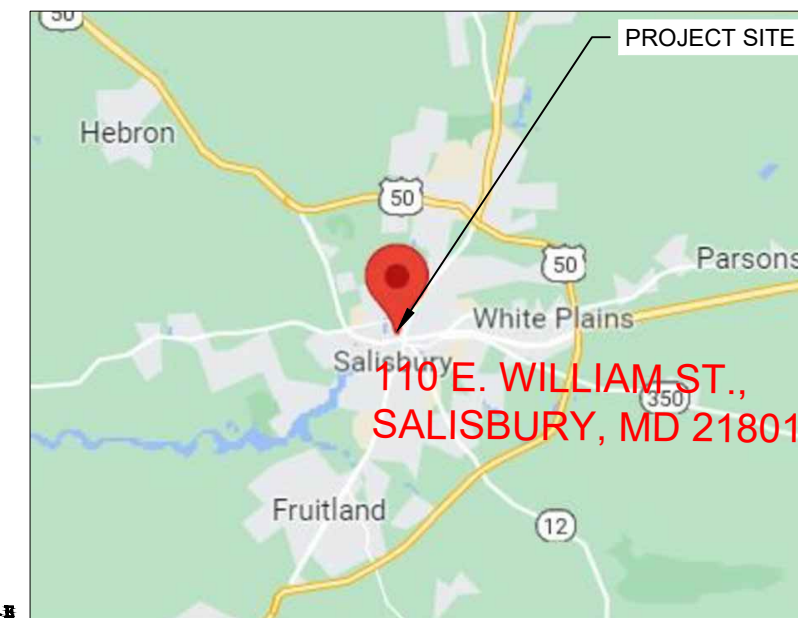
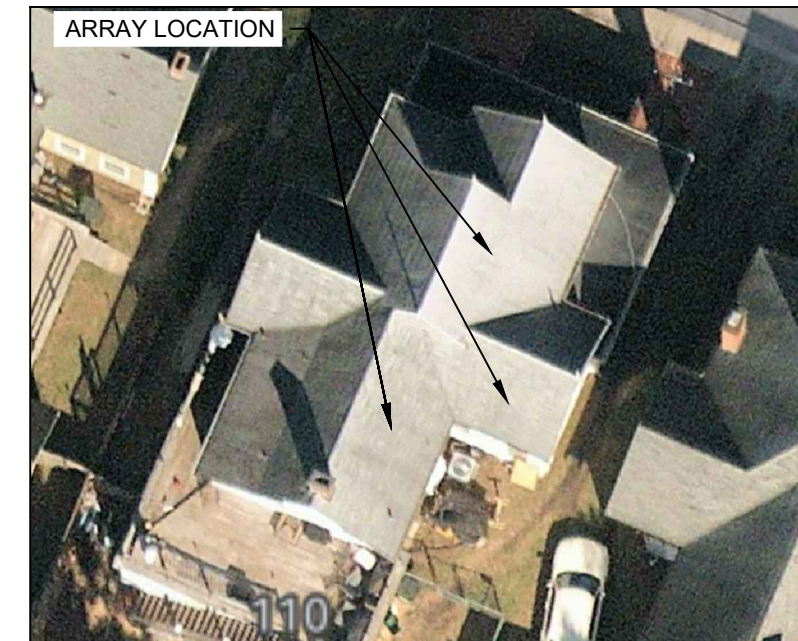
- THESE CONSTRUCTION DOCUMENTS HAVE BEEN BASED ON FIELD INSPECTIONS AND OTHER INFORMATION AVAILABLE AT THE TIME. ACTUAL FIELD CONDITIONS MAY REQUIRE MODIFICATIONS IN CONSTRUCTION DETAILS.
- ARCHITECT HAS NOT BEEN RETAINED TO SUPERVISE ANY CONSTRUCTION OR INSTALLATION OF ANY EQUIPMENT AT SITE.
- CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, EQUIPMENT, TOOLS, OBTAINS ALL PERMITS, LICENSES AND PAY ALL REQUIRED FEES AND COMPLETE INSTALLATION.
- CONTRACTOR HAS THE FULL RESPONSIBILITY TO CHECK AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK. ANY WORK STARTED BEFORE CONSULTATION AND ACCEPTANCE BY THE ENGINEER SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE SUBJECT TO CORRECTION BY THEM WITHOUT ADDITIONAL COMPENSATION.
- DAMAGE CAUSED TO THE EXISTING STRUCTURE, PIPES, DUCTS, WINDOWS, WALL, FLOORS, ETC. SHALL BE REPAIRED TO THE ORIGINAL CONDITION OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE PROPER INSTALLATION AND COMPLETION OF THE WORK WITH APPROVED MATERIALS.
- NO CHANGES ARE TO BE MADE WITHOUT THE CONSULTATION AND APPROVAL OF THE ARCHITECT.
- CONTRACTOR SHALL OBTAIN BUILDING PERMIT. NO WORK TO START UNLESS BUILDING PERMIT IS PROPERLY DISPLAYED.
- ALL WORKMANSHIP AND MATERIALS SHALL BE OF FIRST QUALITY AND IN COMPLIANCE WITH THE REQUIREMENTS OF THE MD BUILDING CODE, THE DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ALL PERTINENT AGENCIES.
- IT IS ESSENTIAL THAT ALL WORK PROCEED WITH THE MAXIMUM COOPERATION OF ALL PARTIES AND WITH MINIMUM INTERFERENCE TO THE OCCUPANTS WITHIN THE BUILDING. THE OWNER'S DIRECTIONS IN THIS REGARD SHALL BE FULLY COMPLIED WITH.
- ALL EXPOSED PLUMBING, HVAC, ELECTRICAL DUCTWORK, PIPING AND CONDUITS ARE TO BE PAINTED BY GENERAL CONTRACTOR.
- THE CONTRACTOR SHALL PERFORM THE WORK IN STRICT CONFORMANCE WITH THE LOCAL LAWS, REGULATIONS AND THE NATIONAL ELECTRIC CODE.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS, APPROVALS, AFFIDAVITS, CERTIFICATIONS, ETC. AND PAY ALL FEES AS REQUIRED BY THE LOCAL AUTHORITIES.
- CONTRACTORS SHALL OBTAIN FIRE CERTIF. UPON COMPLETION OF WORK.

ELECTRICAL NOTES:

- THE EQUIPMENT AND ALL ASSOCIATED WIRING AND INTERCONNECTION SHALL BE INSTALLED ONLY BY QUALIFIED PEOPLE. A QUALIFIED PERSON IS ONE WHO HAS SKILLS AND KNOWLEDGE RELATED TO THE CONSTRUCTION AND OPERATION OF THE ELECTRICAL EQUIPMENT AND INSTALLATIONS AND HAS RECEIVED SAFETY TRAINING TO RECOGNIZE AND AVOID THE HAZARDS INVOLVED. (NEC 690.4(C), NEC 2017)
- LOCAL UTILITY PROVIDER SHALL BE NOTIFIED PRIOR TO USE AND ACTIVATION OF ANY SOLAR PHOTOVOLTAIC INSTALLATION. FOR A LINE SIDE TAP CONNECTION, UTILITY NEEDS TO BE NOTIFIED WELL IN ADVANCE TO COORDINATE BUILDING ELECTRICAL SHUT OFF.
- NEW CONDUIT ROUTING SHOWN IS ESSENTIALLY SCHEMATIC. SUBCONTRACTOR SHALL LAY OUT RUNS TO SUIT FIELD CONDITIONS AND THE COORDINATION REQUIREMENTS OF OTHER TRADES.
- ARRAY WIRING SHOULD NOT BE READILY ACCESSIBLE EXCEPT TO QUALIFIED PERSONNEL.
- ALL EXTERIOR CONDUIT, FITTINGS, AND BOXES SHALL BE WATERTIGHT AND APPROVED FOR USE IN WET LOCATIONS. (NEC 690), NEC 2017.
- WIRING METHODS FOR PV SYSTEM CONDUCTORS AREN'T PERMITTED WITHIN 10 IN. OF THE ROOF DECKING OR SHEATHING EXCEPT WHERE LOCATED DIRECTLY BELOW THE ROOF SURFACE THAT'S COVERED BY PV MODULES AND ASSOCIATED EQUIPMENT WIRING
- BACK-FED BREAKER MUST BE AT THE OPPOSITE END OF BUS BAR FROM THE MAIN BREAKER OR MAIN LUG SUPPLYING CURRENT FROM THE UTILITIES.
- ALL CONDUCTORS AND WIRE TIES EXPOSED TO SUNLIGHT ARE LISTED AS UV RESISTANT.
- CONTRACTOR SHALL FOLLOW ALL ELECTRICAL EQUIPMENT LABELING REQUIREMENTS IN NEC 690
- PV SOURCE, OUTPUT AND INVERTER CIRCUITS SHALL BE IDENTIFIED AT ALL POINTS OF TERMINATION, CONNECTION, AND SPLICES. THE MEANS OF ID CAN BE SEPARATE COLOR CODING, MARKING TAPE, TAGGING ETC. (NEC 690.4), NEC 2017.
- MEASURE THE LINE-TO-LINE AND LINE-TO-NEUTRAL VOLTAGE OF ALL SERVICE ENTRANCE CONDUCTORS PRIOR TO INSTALLING ANY SOLAR EQUIPMENT. THE VOLTAGES FOR THE 240VAC RATED.

WIRING AND CONDUIT NOTES:

- ALL CONDUIT SIZES AND TYPES, SHALL BE LISTED FOR ITS PURPOSE AND APPROVED FOR THE SITE APPLICATIONS
- ALL PV CABLES AND HOMERUN WIRES BE #10AWG *USE-2, PV WIRE, OR PROPRIETARY SOLAR CABLING SPECIFIED BY MFR, OR EQUIVALENT; ROUTED TO SOURCE CIRCUIT COMBINER BOXES AS REQUIRED
- ALL CONDUCTORS AND OCPD SIZES AND TYPES SPECIFIED ACCORDING TO [NEC 690.8 (A)(1) & (B)(1)], [NEC 240] [NEC 690.7] FOR MULTIPLE CONDUCTORS
- ALL PV DC CONDUCTORS IN CONDUIT EXPOSED TO SUNLIGHT SHALL BE DERATED ACCORDING TO [NEC TABLE 310.15 (B)(2)(C)] BLACK ONLY**
- EXPOSED ROOF PV DC CONDUCTORS SHALL BE USE-2, 90°C RATED, WET AND UV RESISTANT, AND UL LISTED RATED FOR 600V, UV RATED SPIRAL WRAP SHALL BE USED TO PROTECT WIRE FROM SHARP EDGES
- 4-WIRE DELTA CONNECTED SYSTEMS HAVE THE PHASE WITH THE HIGHER VOLTAGE TO GROUND MARKED ORANGE OR IDENTIFIED BY OTHER EFFECTIVE MEANS
- ALL SOURCE CIRCUITS SHALL HAVE INDIVIDUAL SOURCE CIRCUIT PROTECTION
- VOLTAGE DROP LIMITED TO 2%
- AC CONDUCTORS >4AWG COLOR CODED OR MARKED: PHASE A OR L1- BLACK, PHASE B OR L2- RED, PHASE C OR L3- BLUE, NEUTRAL- WHITE/GRAY



TITAN SOLAR POWER
 160 N MCQUEEN RD,
 GILBERT, AZ 85233, USA
 PHONE: (808) 371-5338

TITAN SOLAR POWER

CONTRACTOR LIC# 14480 AND 150562

REVISIONS

DESCRIPTION	DATE	REV

SIGNATURE WITH SEAL

DATE: 03/23/2023

PROJECT NAME & ADDRESS

LUCIA FUENTES
RESIDENCE
 110 E. WILLIAM ST.,
 SALISBURY, MD 21801
 PH#: (410) 845-0824

SHEET NAME

COVER SHEET

SHEET SIZE

ANSI B
11" X 17"

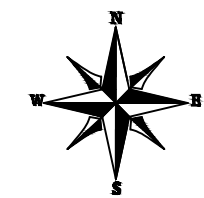
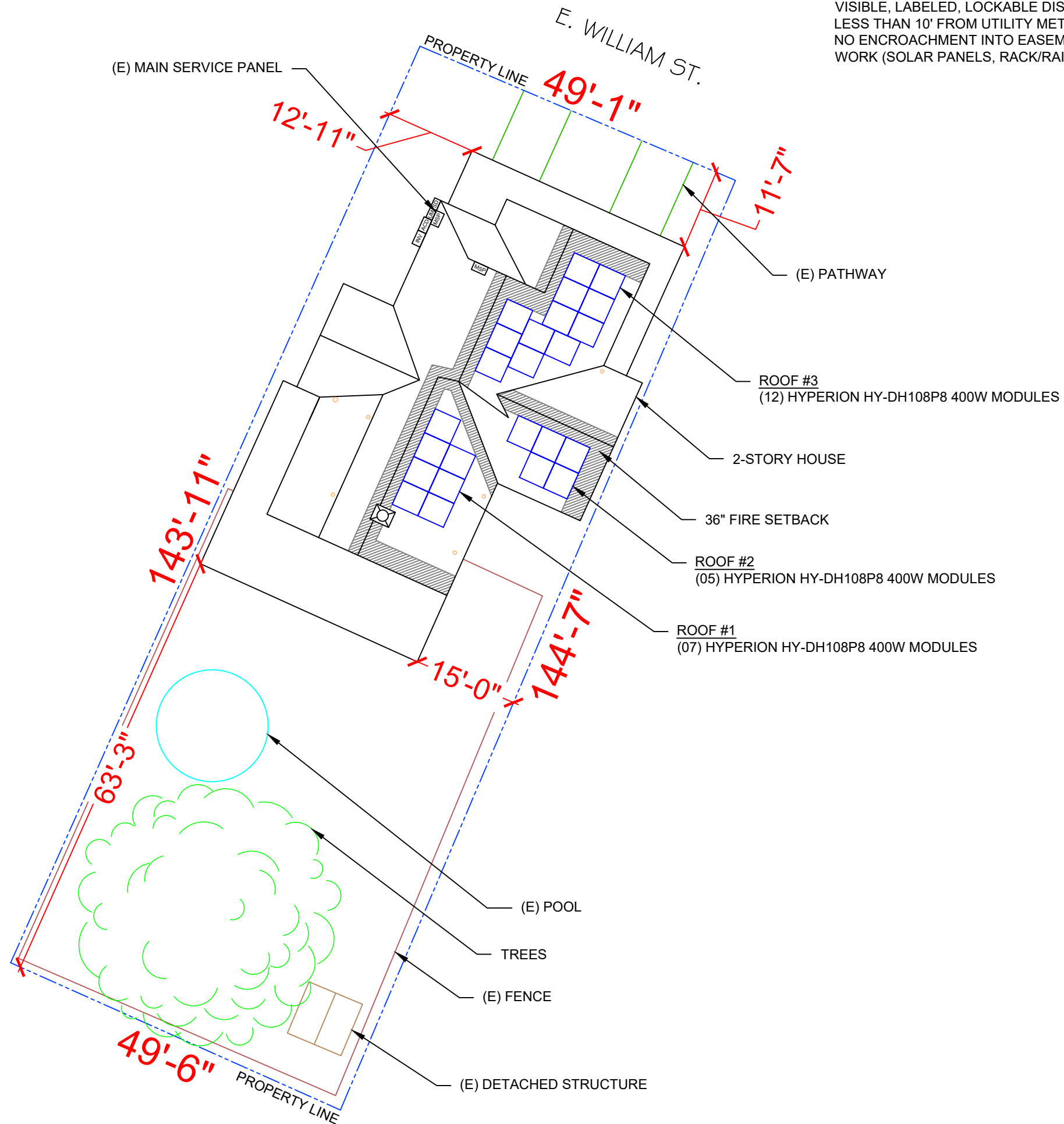
SHEET NUMBER

PV-0

EQUIPMENT SUMMARY

24 HYPERION HY-DH108P8 400W MODULES
 01 SOLAREEDGE SE7600H-US INVERTER
 24 SOLAREEDGE POWER OPTIMIZERS S440
 SYSTEM SIZE:9.60 kW DC STC
 SYSTEM SIZE:7.60 kW AC STC
 METER NO: IND357812435

NOTE :
 VISIBLE, LABELED, LOCKABLE DISCONNECT LOCATED
 LESS THAN 10' FROM UTILITY METER
 NO ENCROACHMENT INTO EASEMENTS BY NEW SCOPE OF
 WORK (SOLAR PANELS, RACK/RAIL SYSTEMS & EQUIPMENT).



1 | PLOT PLAN

PV-1 | SCALE: 1/16" = 1'-0"



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SHEET NAME
PLOT PLAN

SHEET SIZE
**ANSI B
 11" X 17"**

SHEET NUMBER
PV-1

MODULE TYPE, DIMENSIONS & WEIGHT

NUMBER OF MODULES = 24 MODULES
 MODULE TYPE = HYPERION HY-DH108P8 400W MODULES
 MODULE WEIGHT = 49.82 LBS / 22.6 KG.
 MODULE DIMENSIONS = 67.79"x 44.64" = 21.01 SF
 UNIT WEIGHT OF ARRAY = 2.37 PSF

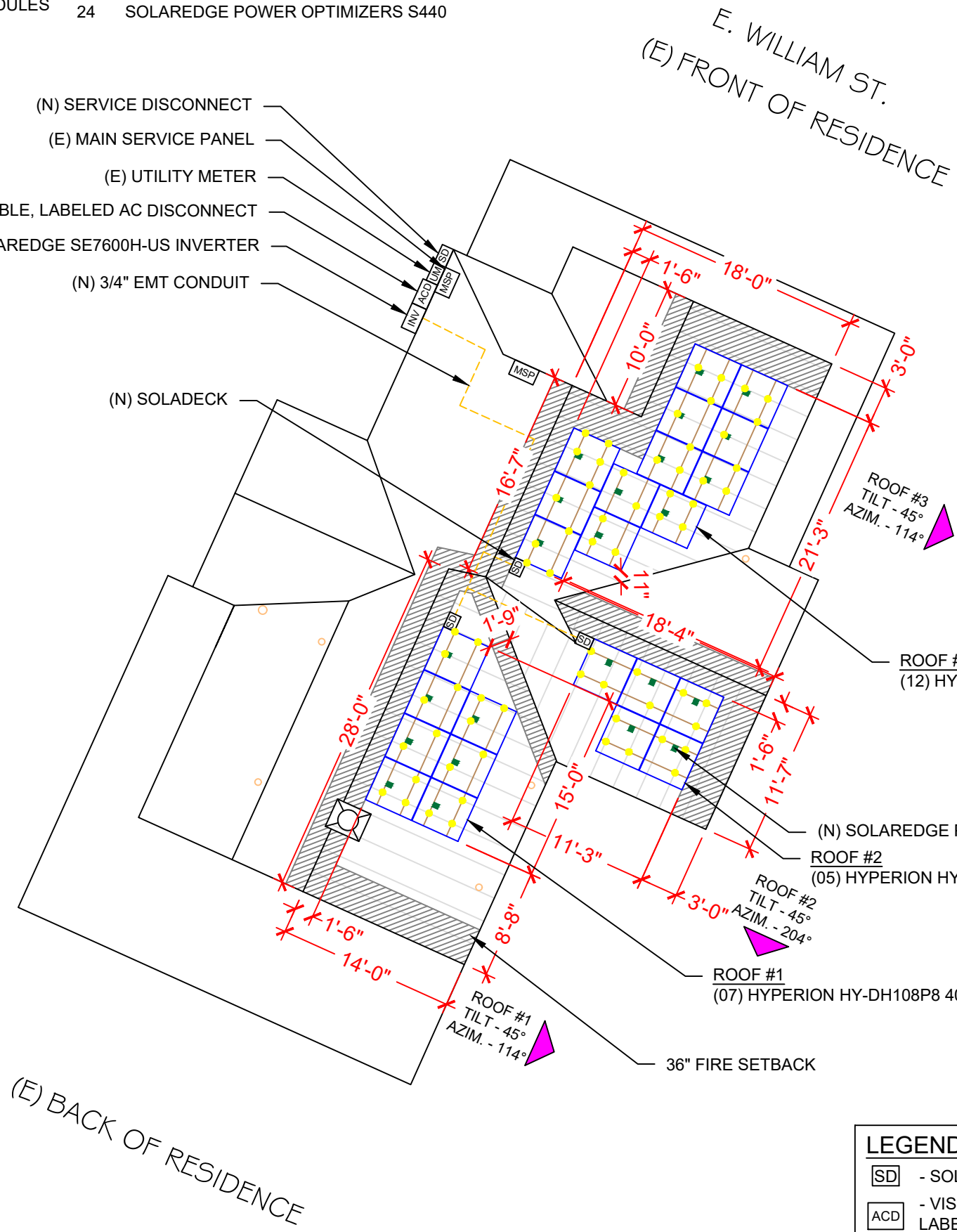
SYSTEM SIZE: 9.60 kW DC STC
 SYSTEM SIZE: 7.60 kW AC STC

METER NO: IND357812435

EQUIPMENT SUMMARY

24 HYPERION HY-DH108P8 400W MODULES
 01 SOLAREEDGE SE7600H-US INVERTER
 24 SOLAREEDGE POWER OPTIMIZERS S440

- (N) SERVICE DISCONNECT
- (E) MAIN SERVICE PANEL
- (E) UTILITY METER
- (N) VISIBLE, LOCKABLE, LABELED AC DISCONNECT
- (N) SOLAREEDGE SE7600H-US INVERTER
- (N) 3/4" EMT CONDUIT
- (N) SOLADECK



ROOF DESCRIPTION				
ROOF TYPE			COMPOSITION	
ROOF	ROOF TILT	AZIMUTH	RAFTER SIZE	RAFTER SPACING
#1	45°	114°	2"X6" RAFTERS @ 24" O.C	
#2	45°	204°		
#3	45°	114°		

ARRAY AREA & ROOF AREA CALC'S				
ROOF	# OF MODULES	ARRAY AREA (Sq. Ft.)	ROOF AREA (Sq. Ft.)	ROOF AREA COVERED BY ARRAY (%)
#1	07	147.07	340.16	43
#2	05	105.05	206.09	51
#2	12	252.12	356.13	71

TOTAL ARRAY AREA & MOUNTING ROOF AREA CALC'S				
ROOF	# OF MODULES	TOTAL ARRAY AREA (Sq. Ft.)	TOTAL ROOF AREA (Sq. Ft.)	TOTAL ROOF AREA COVERED BY ARRAY (%)
#1, #2 & #3	24	504.24	2129.54	24

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DESCRIPTION	DATE	REV

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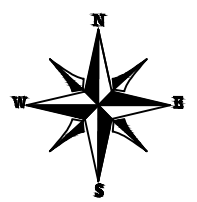
PROJECT NAME & ADDRESS

LUCIA FUENTES RESIDENCE
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 SALISBURY, MD 21801
 PH#: (410) 845-0824

SHEET NAME
ROOF PLAN & MODULES

SHEET SIZE
**ANSI B
 11" X 17"**

SHEET NUMBER
PV-2



LEGEND

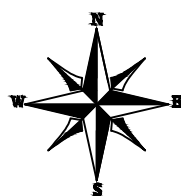
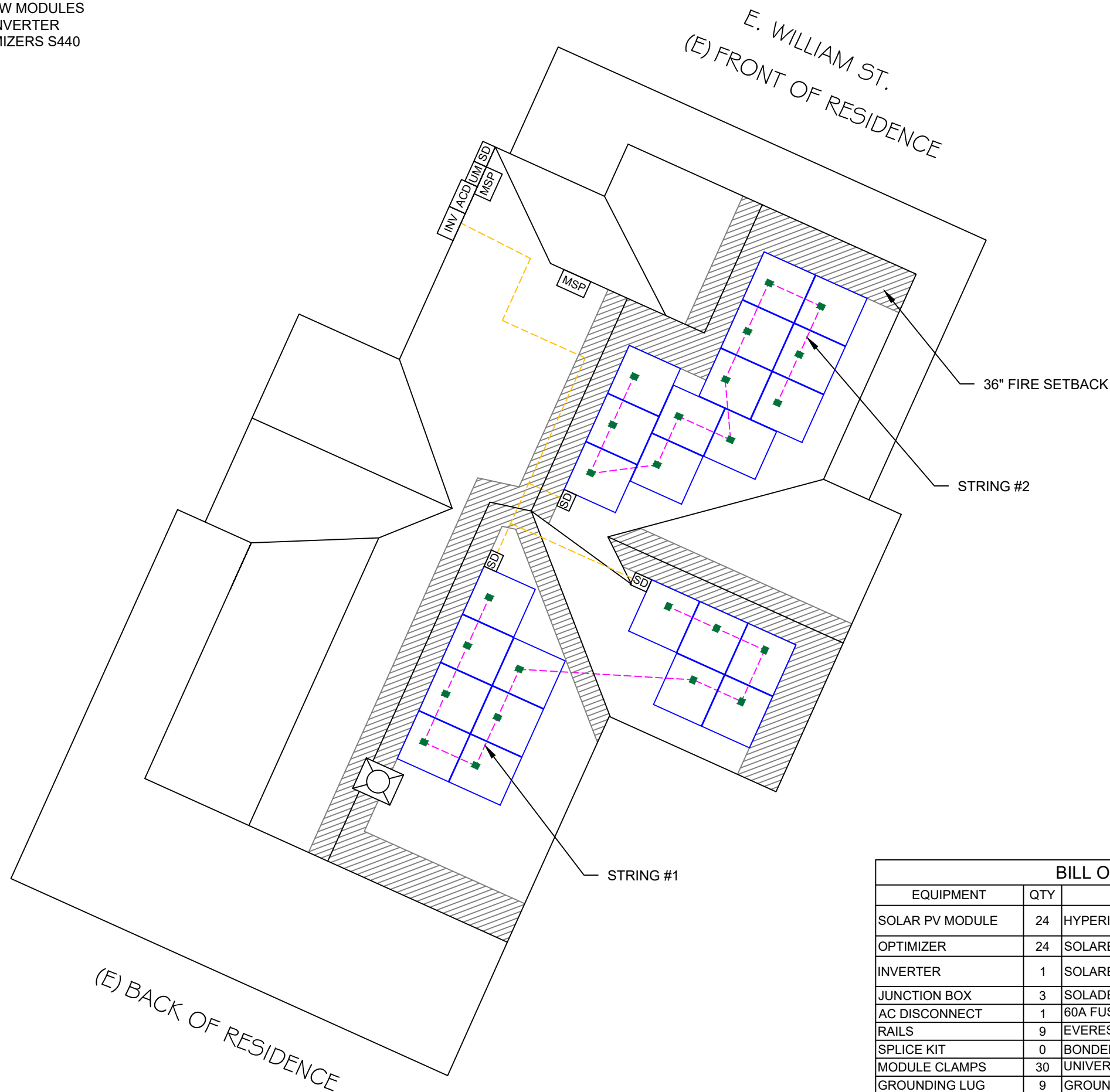
- [SD] - SOLADECK
- [ACD] - VISIBLE, LOCKABLE, LABELED AC DISCONNECT
- [MSP] - MAIN SERVICE PANEL
- [INV] - INVERTER
- - SOLAREEDGE POWER OPTIMIZER
- - VENT, ATTIC FAN (ROOF OBSTRUCTION)
- - ROOF ATTACHMENT
- - RAFTERS
- - - - CONDUIT
- [SD] - SERVICE DISCONNECT

EQUIPMENT SUMMARY

- 24 HYPERION HY-DH108P8 400W MODULES
- 01 SOLAREEDGE SE7600H-US INVERTER
- 24 SOLAREEDGE POWER OPTIMIZERS S440

SYSTEM SIZE:9.60 kW DC STC
 SYSTEM SIZE:7.60 kW AC STC

METER NO: IND357812435



1 STRING LAYOUT

PV-2A

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

BILL OF MATERIALS		
EQUIPMENT	QTY	DESCRIPTION
SOLAR PV MODULE	24	HYPERION HY-DH108P8 400W MODULES
OPTIMIZER	24	SOLAREEDGE POWER OPTIMIZERS S440
INVERTER	1	SOLAREEDGE SE7600H-US INVERTER
JUNCTION BOX	3	SOLADECKS 600 V, NEMA 3R UL LISTED
AC DISCONNECT	1	60A FUSED (2) 40A FUSES, 240V, NEMA 3R, UL LISTED
RAILS	9	EVEREST CROSSRAIL 44-X (166")
SPLICE KIT	0	BONDED SPLICE
MODULE CLAMPS	30	UNIVERSAL FASTENING OBJECT(UFO)
GROUNDING LUG	9	GROUNDING LUG
END CLAMPS	36	MODULES CLAMPS (END CLAMPS)
ATTACHMENT	62	K2 SPLICE FOOT X ATTACHMENT



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SHEET NAME

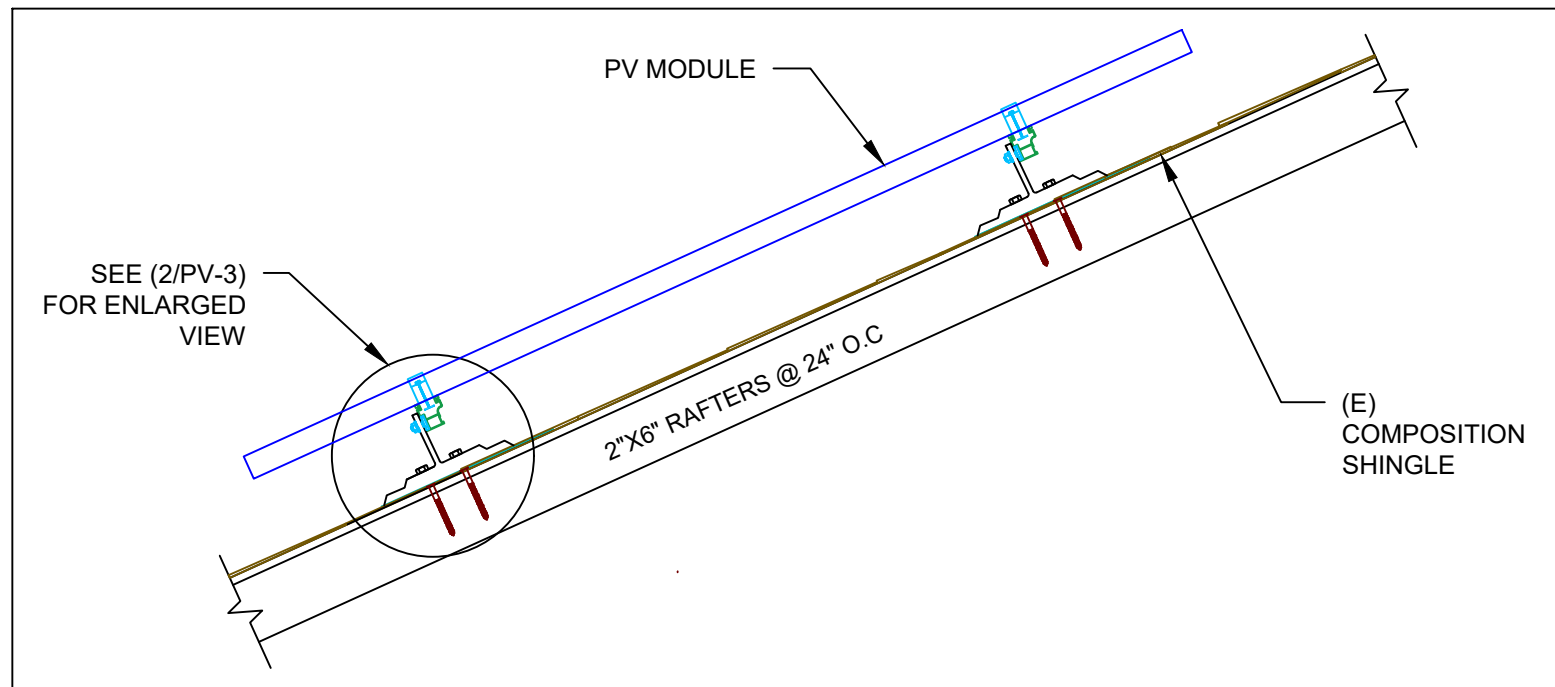
**STRING
 LAYOUT**

SHEET SIZE

**ANSI B
 11" X 17"**

SHEET NUMBER

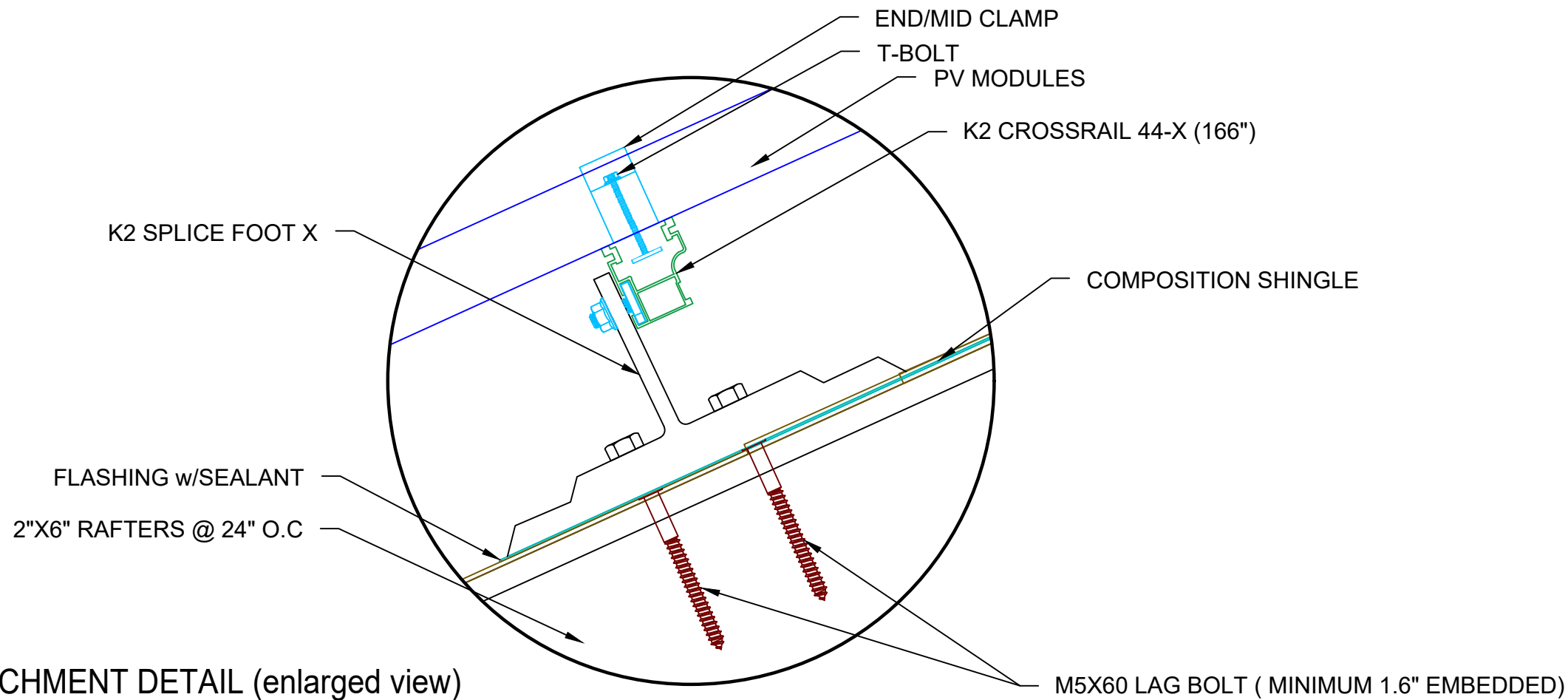
PV-2A



1 ATTACHMENT DETAIL

PV-3

SCALE: NTS



2 ATTACHMENT DETAIL (enlarged view)

PV-3

SCALE: NTS



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SHEET NAME

ATTACHMENT
DETAIL

SHEET SIZE

ANSI B
11" X 17"

SHEET NUMBER

PV-3

(24) HYPERION HY-DH108P8 400W MODULES
 (2) STRINGS OF 12 MODULES CONNECTED IN SERIES

SYSTEM SIZE: 9.60 kW DC STC
 SYSTEM SIZE: 7.60 kW AC STC
 METER NO: IND357812435

SERVICE INFO

UTILITY PROVIDER: DELMARVA POWER
 MAIN SERVICE VOLTAGE: 240V
 MAIN PANEL BRAND: SQUARE D
 MAIN SERVICE PANEL: 200A
 MAIN CIRCUIT BREAKER RATING: 200A
 MAIN SERVICE LOCATION: NORTH-WEST
 SERVICE FEED SOURCE: OVERHEAD

WIRE LEGEND

- PV ARRAY +VE CONDUCTOR AND L1
- PV ARRAY -VE CONDUCTOR AND L2
- NEUTRAL CONDUCTOR
- - - EGC AND GEC
- SINGLE TWISTED PAIR, CAT 5 WIRE



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REVISIONS

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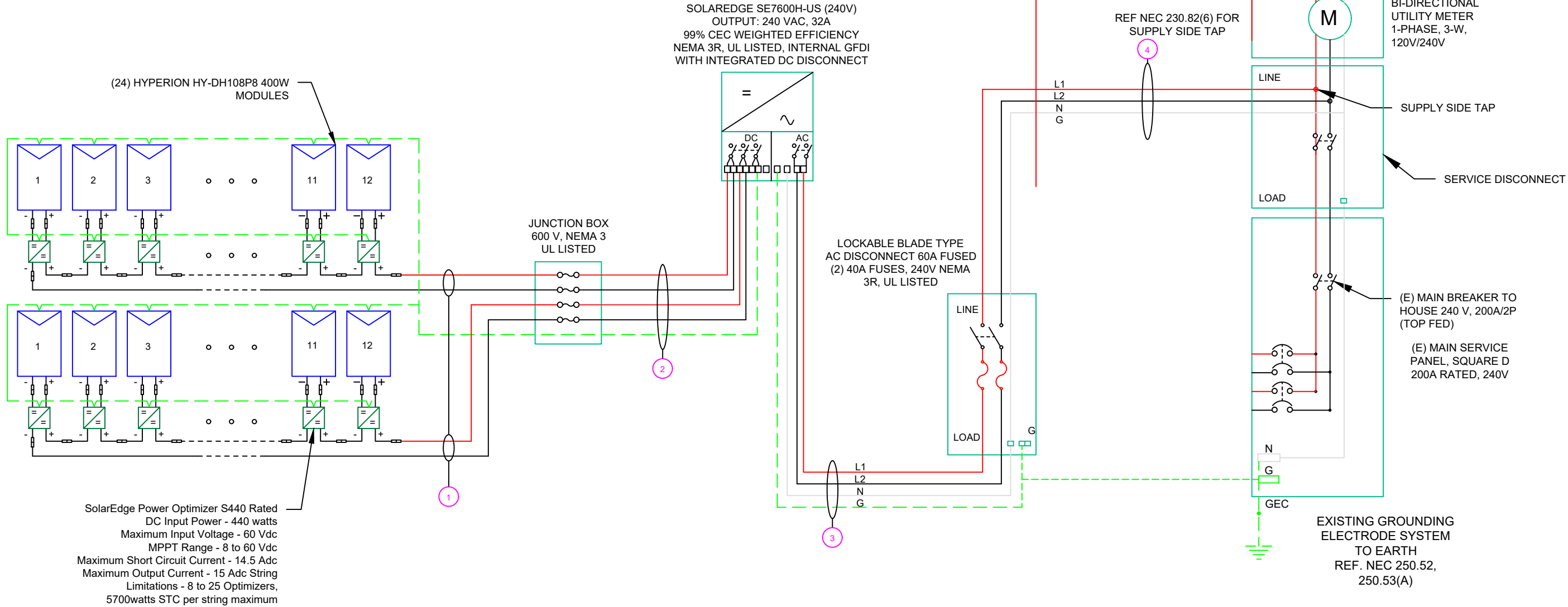
PROJECT NAME & ADDRESS

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SHEET NAME
**ELECTRICAL LINE
 DIAGRAM**

SHEET SIZE
**ANSI B
 11" X 17"**

SHEET NUMBER
PV-4



SolarEdge Power Optimizer S440 Rated
 DC Input Power - 440 watts
 Maximum Input Voltage - 60 Vdc
 MPPT Range - 8 to 60 Vdc
 Maximum Short Circuit Current - 14.5 Adc
 Maximum Output Current - 15 Adc String
 Limitations - 8 to 25 Optimizers,
 5700watts STC per string maximum

QTY	CONDUCTOR INFORMATION	CONDUIT TYPE	CONDUIT SIZE
(4)	#10AWG - PV WIRE/USE-2	N/A	N/A
(1)	#6AWG - BARE COPPER IN FREE AIR	N/A	N/A
(4)	#10AWG - THWN-2	EMT OR FLEX	3/4"
(1)	#8AWG - THWN-2 GND	EMT OR FLEX	3/4"
(3)	#6AWG - THWN-2	EMT OR FLEX	3/4"
(1)	#8AWG - THWN-2 GND	EMT OR FLEX	3/4"
(3)	#6AWG - THWN-2	EMT OR FLEX	3/4"

1 ELECTRICAL LINE DIAGRAM

PV-4 SCALE: NTS

(24) HYPERION HY-DH108P8 400W MODULES
 (2) STRINGS OF 12 MODULES CONNECTED IN SERIES

SYSTEM SIZE: 9.60 kW DC STC
 SYSTEM SIZE: 7.60 kW AC STC

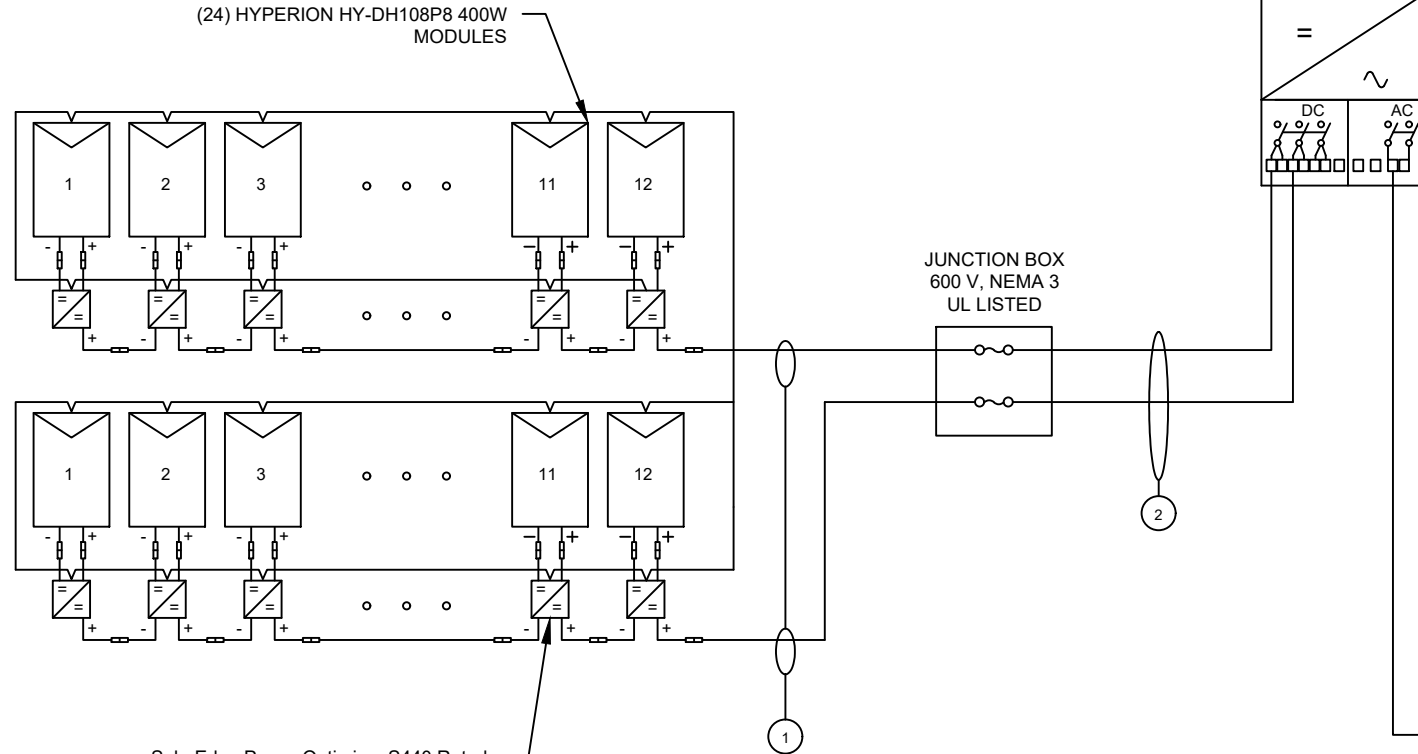
METER NO: IND357812435

SERVICE INFO

UTILITY PROVIDER: DELMARVA POWER
 MAIN SERVICE VOLTAGE: 240V
 MAIN PANEL BRAND: SQUARE D
 MAIN SERVICE PANEL: 200A
 MAIN CIRCUIT BREAKER RATING: 200A
 MAIN SERVICE LOCATION: NORTH-WEST
 SERVICE FEED SOURCE: OVERHEAD

SOLAREGE SE7600H-US (240V)
 OUTPUT: 240 VAC, 32A
 99% CEC WEIGHTED EFFICIENCY
 NEMA 3R, UL LISTED, INTERNAL GFDI
 WITH INTEGRATED DC DISCONNECT

JUNCTION BOX
 600 V, NEMA 3
 UL LISTED



SolarEdge Power Optimizer S440 Rated
 DC Input Power - 440 watts
 Maximum Input Voltage - 60 Vdc
 MPPT Range - 8 to 60 Vdc
 Maximum Short Circuit Current - 14.5 Adc
 Maximum Output Current - 15 Adc String
 Limitations - 8 to 25 Optimizers,
 5700watts STC per string maximum

AC DISCONNECT WITH IN
 10' FROM METER

REF NEC 230.82(6) FOR
 SUPPLY SIDE TAP

TO UTILITY GRID
 L2

BI-DIRECTIONAL
 UTILITY METER
 1-PHASE, 3-W,
 120V/240V

SUPPLY SIDE TAP

SERVICE DISCONNECT

(E) MAIN BREAKER TO
 HOUSE 240 V, 200A/2P
 (TOP FED)

(E) MAIN SERVICE
 PANEL, SQUARE D
 200A RATED, 240V

LOCKABLE BLADE TYPE
 AC DISCONNECT 60A FUSED
 (2) 40A FUSES, 240V NEMA
 3R, UL LISTED

EXISTING GROUNDING
 ELECTRODE SYSTEM
 TO EARTH
 REF. NEC 250.52,
 250.53(A)

- NOTE:**
- VISIBLE LOCKABLE LABELED AC DISCONNECT TO BE PLACED WITHIN 10' OF UTILITY METER.
 - MEETS UL2703 SYSTEM EQUIPMENT GROUNDING AND BONDING STANDARD.
 - INVERTER(S) EQUIPPED WITH RAPID SHUTDOWN PER NEC 690.12.

QTY	CONDUCTOR INFORMATION	CONDUIT TYPE	CONDUIT SIZE
(4)	#10AWG - PV WIRE/USE-2		
(1)	#6AWG - BARE COPPER IN FREE AIR	N/A	N/A
(4)	#10AWG - THWN-2		
(1)	#8AWG - THWN-2 GND	EMT OR FLEX	3/4"
(3)	#6AWG - THWN-2		
(1)	#8AWG - THWN-2 GND	EMT OR FLEX	3/4"
(3)	#6AWG - THWN-2	EMT OR FLEX	3/4"



TITAN SOLAR POWER
 160 N MCQUEEN RD,
 GILBERT, AZ 85233, USA
 PHONE: (808) 371-5338
 TITAN SOLAR POWER
 CONTRACTOR LIC# 14480 AND 150562

REVISIONS

DESCRIPTION	DATE	REV

SIGNATURE WITH SEAL

DATE: 03/23/2023

PROJECT NAME & ADDRESS

LUCIA FUENTES
 RESIDENCE
 110 E. WILLIAM ST.,
 SALISBURY, MD 21801
 PH#: (410) 845-0824

SHEET NAME
 ONE LINE
 DIAGRAM

SHEET SIZE
 ANSI B
 11" X 17"

SHEET NUMBER
 PV-4A

SOLAR MODULE SPECIFICATIONS	
MANUFACTURER / MODEL #	HYPERION HY-DH108P8 400W
VMP	31.01V
IMP	12.90A
VOC	37.07V
ISC	13.79A
TEMP. COEFF. VOC	-0.304%/°C
PTC RATING	371.7W
MODULE DIMENSION	67.97"L x 44.64"W x 1.37"D (In Inch)

INVERTER #1 SPECIFICATIONS	
MANUFACTURER / MODEL #	SOLAREEDGE SE7600H-US
NOMINAL AC POWER	7.6 KW
NOMINAL OUTPUT VOLTAGE	240 VAC
NOMINAL OUTPUT CURRENT	32.0 A

POWER OPTIMIZER (OPTIMIZER S440-2NM4ARS)	
MAXIMUM INPUT POWER	440W
MINIMUM INPUT VOLTAGE	8 VDC
MAXIMUM INPUT VOLTAGE	60VDC
MAXIMUM MODULE ISC	14.5 ADC
MAXIMUM OUTPUT CURRENT	15 ADC

PERCENT OF VALUES	NUMBER OF CURRENT CARRYING CONDUCTORS IN EMT
0.80	4-6
0.70	7-9
0.50	10-20

AMBIENT TEMPERATURE SPECS	
RECORD LOW TEMP	-10°
AMBIENT TEMP (HIGH TEMP 2%)	34°
CONDUIT HEIGHT	0.5"
ROOF TOP TEMP	90°
CONDUCTOR TEMPERATURE RATE	56°
MODULE TEMPERATURE COEFFICIENT OF Voc	-0.304%/°C

DC CONDUCTOR AMPACITY CALCULATIONS: ARRAY TO JUNCTION BOX:	
EXPECTED WIRE TEMP (In Celsius)	34°
TEMP. CORRECTION PER TABLE (310.16)	0.96
NO. OF CURRENT CARRYING CONDUCTORS	4
CONDUIT FILL CORRECTION PER NEC 310.15(B)(2)(a)	0.80
CIRCUIT CONDUCTOR SIZE (AWG)	10
CIRCUIT CONDUCTOR AMPACITY (A)	40
REQUIRED CIRCUIT CONDUCTOR AMPACITY PER NEC 690.8(A&B) 1.25 X I _{sc} (A)	18.75
DERATED AMPACITY OF CIRCUIT CONDUCTOR PER NEC TABLE 310.16	30.72
CONDUIT FILL CORRECTION PER NEC 310.15(B)(2)(a) X CIRCUIT CONDUCTOR AMPACITY (A)	
Result should be greater than (18.75A) otherwise less the entry for circuit conductor size and ampacity	

DC CONDUCTOR AMPACITY CALCULATIONS: FROM JUNCTION BOX TO INVERTER:	
AMBIENT TEMPERATURE ADJUSTMENT FOR EXPOSED CONDUIT, PER NEC 310.15(B)(2)(c)	22°
EXPECTED WIRE TEMP (In Celsius)	34°+22° = 56°
TEMP. CORRECTION PER TABLE (310.16)	0.71
NO. OF CURRENT CARRYING CONDUCTORS	4
CONDUIT FILL CORRECTION PER NEC 310.15(B)(2)(a)	0.80
CIRCUIT CONDUCTOR SIZE (AWG)	10
CIRCUIT CONDUCTOR AMPACITY (A)	40
REQUIRED CIRCUIT CONDUCTOR AMPACITY PER NEC 690.8(A&B) 1.25 X I _{sc} (A)	18.75
DERATED AMPACITY OF CIRCUIT CONDUCTOR PER NEC TABLE 310.16	22.72
CONDUIT FILL CORRECTION PER NEC 310.15(B)(2)(a) X CIRCUIT CONDUCTOR AMPACITY (A)	
Result should be greater than (18.75A) otherwise less the entry for circuit conductor size and ampacity	

AC CONDUCTOR AMPACITY CALCULATIONS:	
No. OF INVERTER	1
EXPECTED WIRE TEMP (In Celsius)	34°
TEMP. CORRECTION PER TABLE (310.16)	0.94
NO. OF CURRENT CARRYING CONDUCTORS	3
CONDUIT FILL CORRECTION PER NEC 310.15(B)(2)(a)	1
CIRCUIT CONDUCTOR SIZE (AWG)	6AWG
CIRCUIT CONDUCTOR AMPACITY (A)	65
REQUIRED CIRCUIT CONDUCTOR AMPACITY PER NEC 690.8(A&B) 1.25 X I _{sc} (A)	40
DERATED AMPACITY OF CIRCUIT CONDUCTOR PER NEC TABLE 310.16	61.10
CONDUIT FILL CORRECTION PER NEC 310.15(B)(2)(a) X CIRCUIT CONDUCTOR AMPACITY (A)	
Result should be greater than (40.00A) otherwise less the entry for circuit conductor size and ampacity	

- 1.) ALL EQUIPMENT TO BE LISTED BY UL OR OTHER NRTL, AND LABELED FOR ITS APPLICATION.
- 2.) ALL CONDUCTORS SHALL BE COPPER, RATED FOR 600 V AND 90 DEGREE C WET ENVIRONMENT.
- 3.) WIRING, CONDUIT, AND RACEWAYS MOUNTED ON ROOFTOPS SHALL BE ROUTED DIRECTLY TO, AND LOCATED AS CLOSE AS POSSIBLE TO THE NEAREST RIDGE, HIP, OR VALLEY.
- 4.) WORKING CLEARANCES AROUND ALL NEW AND EXISTING ELECTRICAL EQUIPMENT SHALL COMPLY WITH NEC 110.26.
- 5.) DRAWINGS INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS. CONTRACTOR SHALL FURNISH ALL NECESSARY OUTLETS, SUPPORTS, FITTINGS AND ACCESSORIES TO FULFILL APPLICABLE CODES AND STANDARDS.
- 6.) WHERE SIZES OF SOLADECK, RACEWAYS, AND CONDUITS ARE NOT SPECIFIED, THE CONTRACTOR SHALL SIZE THEM ACCORDINGLY.
- 7.) ALL WIRE TERMINATIONS SHALL BE APPROPRIATELY LABELED AND READILY VISIBLE.
- 8.) MODULE GROUNDING CLIPS TO BE INSTALLED BETWEEN MODULE FRAME AND MODULE SUPPORT RAIL, PER THE GROUNDING CLIP MANUFACTURER'S INSTRUCTION.
- 9.) MODULE SUPPORT RAIL TO BE BONDED TO CONTINUOUS COPPER G.E.C. VIA WEEB LUG OR ILSKO GBL-4DBT LAY-IN LUG.
- 10.) THE POLARITY OF THE GROUNDED CONDUCTORS IS NEGATIVE



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GILBERT, AZ 85233, USA
PHONE: (808) 371-5338

TITAN SOLAR POWER

CONTRACTOR LIC# 14480 AND 150562

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LUCIA FUENTES
RESIDENCE
110 E. WILLIAM ST.,
SALISBURY, MD 21801
PH#: (410) 845-0824

SHEET NAME

**WIRING
CALCULATIONS**

SHEET SIZE

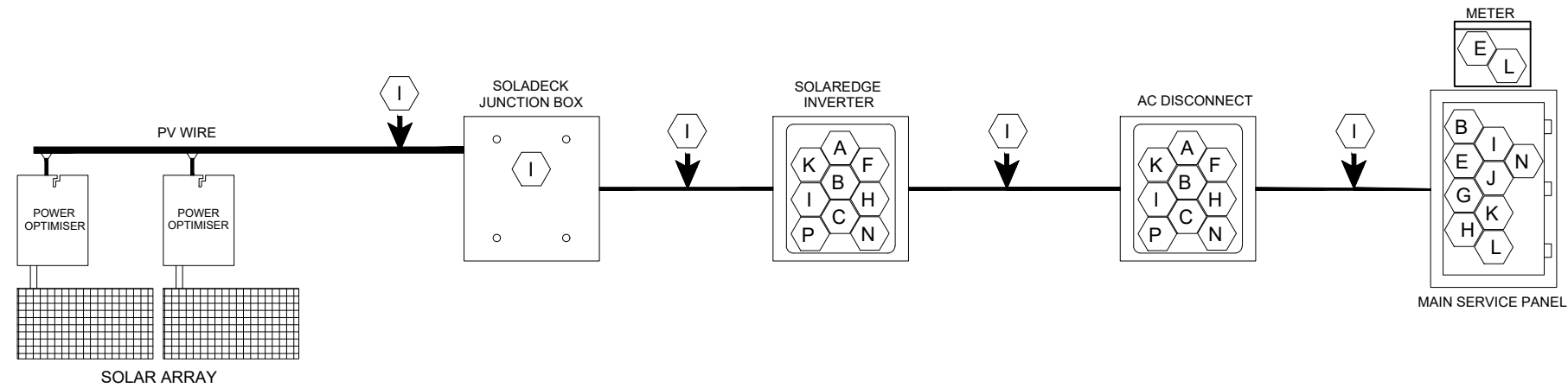
**ANSI B
11" X 17"**

SHEET NUMBER

PV-5

SIGNAGE REQUIREMENTS:

- RED BACKGROUND
- WHITE LETTERING
- MINIMUM 3/8" LETTER HEIGHT
- ALL CAPITAL LETTERS
- ARIAL OR SIMILAR FONT
- REFLECTIVE WEATHER RESISTANT MATERIAL, UL969



WARNING
ELECTRIC SHOCK HAZARD
 TERMINALS ON THE LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION

LABEL LOCATION:
 AC & DC DISCONNECT AND SUB PANEL
 (PER CODE: NEC 690.17(E))

WARNING
ELECTRIC SHOCK HAZARD
 TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION
 DC VOLTAGE IS ALWAYS PRESENT WHEN SOLAR MODULES ARE EXPOSED TO SUNLIGHT

LABEL LOCATION:
 DC DISCONNECT, POINT OF INTERCONNECTION
 (PER CODE: NEC 690.17(E))

WARNING
ELECTRIC SHOCK HAZARD
 IF GROUND FAULT IS INDICATED ALL NORMALLY GROUNDED CONDUCTORS MAY BE UNGROUNDED AND ENERGIZED

LABEL LOCATION:
 AC & DC DISCONNECT AND SUB PANEL
 (PER CODE: NEC 690.5(C))

PHOTOVOLTIC AC DISCONNECT
 RATED AC OUTPUT CURRENT: 32A
 NOMINAL OPERATING AC VOLTAGE: 240V

NEC 690.54

WARNING DUAL POWER SOURCE
SECOND SOURCE IS PHOTOVOLTAIC SYSTEM

LABEL LOCATION:
 MAIN SERVICE PANEL & NET METER
 (PER CODE: NEC 705.12(G)(3), NEC 705.12(B)(3-4) & NEC 690.59)

WARNING
 THE DISCONNECTION OF THE GROUNDED CONDUCTOR(S) MAY RESULT IN OVERVOLTAGE ON THE EQUIPMENT

LABEL LOCATION:
 INVERTER
 (PER CODE: NEC 690.31(I))

CAUTION
PHOTOVOLTAIC SYSTEM CIRCUIT IS BACKFED

LABEL LOCATION:
 MSP
 (PER CODE: NEC 690.13 (F), NEC 705.12(B)(3-4) & NEC 690.59)

RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM

LABEL LOCATION:
 RAPID SHUTDOWN
 (PER CODE: NEC 690.56(C)(3))

PHOTOVOLTAIC POWER SOURCE

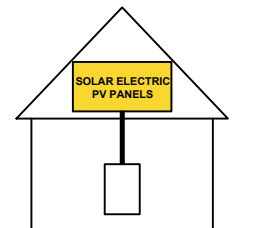
LABEL LOCATION:
 CONDUIT, COMBINER BOX
 (PER CODE: NEC690.31(D)(2))

WARNING
POWER SOURCE OUTPUT CONNECTION DO NOT RELOCATE THIS OVERCURRENT DEVICE

LABEL LOCATION:
 SERVICE PANEL IF SUM OF BREAKERS EXCEEDS PANEL RATING
 (PER CODE: NEC 705.12 (B)(2)(b))

SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN SWITCH TO THE "OFF" POSITION TO SHUTDOWN PV SYSTEM AND REDUCE SHOCK HAZARD IN ARRAY



LABEL LOCATION:
 AC DISCONNECT, DC DISCONNECT, POINT OF INTERCONNECTION
 (PER CODE: 605.11.3.1(1) & 690.56(C)(1)(a))

MAIN PHOTOVOLTAIC SYSTEM DISCONNECT

LABEL LOCATION:
 MAIN SERVICE DISCONNECT / UTILITY METER
 (PER CODE: NEC 690.13(B))

INVERTER

PHOTOVOLTAIC DC DISCONNECT
 MAXIMUM VOLTAGE: 480V
 MAXIMUM CIRCUIT CURRENT: 20A
 MAX RATED OUTPUT CURRENT OF DC-TO-DC CONVERTER: 30A

LABEL LOCATION:
 PV DC DISCONNECT NEC 690.53 (ON INVERTER)

PHOTOVOLTAIC AC DISCONNECT

LABEL LOCATION:
 AC DISCONNECT
 NEC 690.13(B)



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TITAN SOLAR POWER

CONTRACTOR LIC# 14480 AND 150562

REVISIONS

DESCRIPTION	DATE	REV

SIGNATURE WITH SEAL

DATE: 03/23/2023

PROJECT NAME & ADDRESS

LUCIA FUENTES
 RESIDENCE
 110 E. WILLIAM ST.,
 SALISBURY, MD 21801
 PH#:(410) 845-0824

SHEET NAME

LABELS

SHEET SIZE

**ANSI B
 11" X 17"**

SHEET NUMBER

PV-6



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 SALISBURY, MD 21801
 PH#:(410) 845-0824

SHEET NAME

PLACARDS

SHEET SIZE

ANSI B
 11" X 17"

SHEET NUMBER

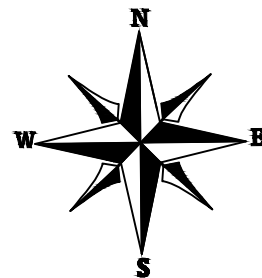
PV-6A

CAUTION:

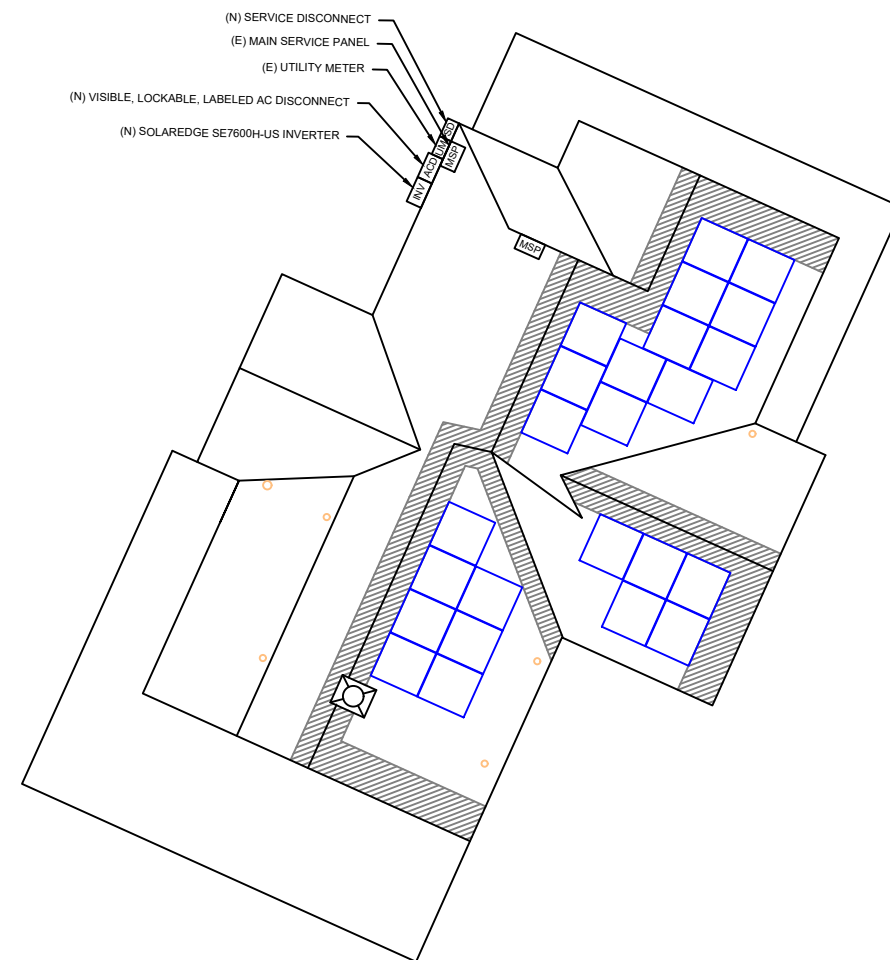
MULTIPLE SOURCES OF POWER

POWER TO THIS BUILDING IS ALSO SUPPLIED FROM THE FOLLOWING SOURCES WITH DISCONNECTS LOCATED AS SHOWN

- ☒ MAIN SERVICE PANEL & UTILITY METER
- AC DISCONNECT
- INVERTER



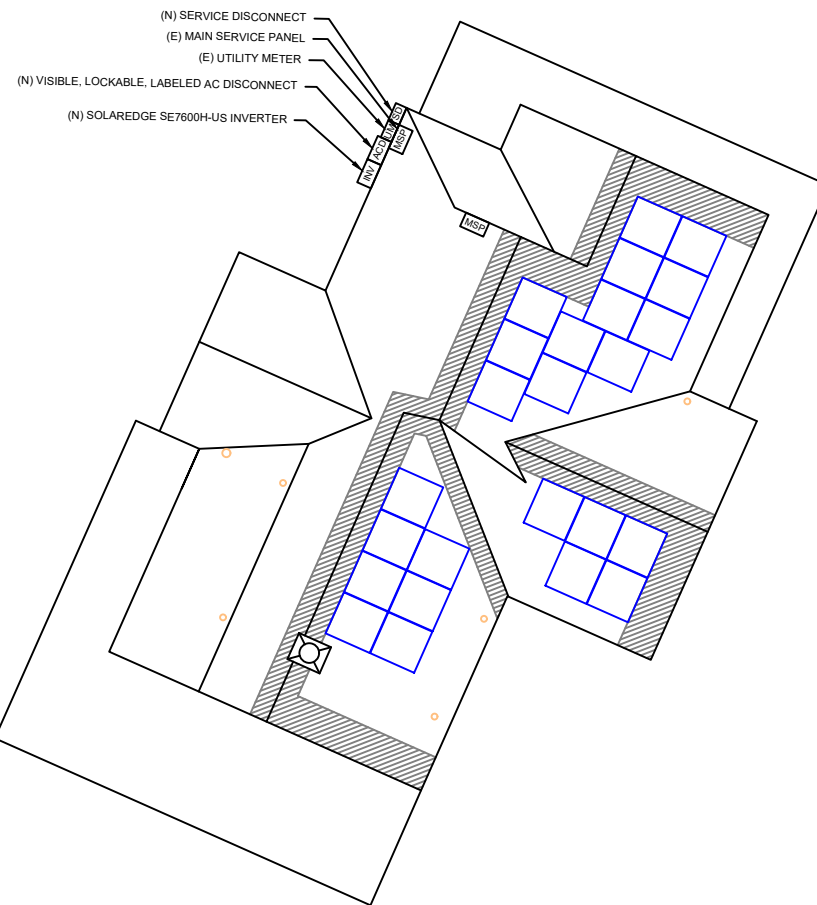
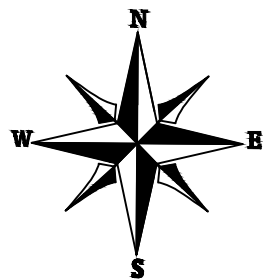
110 E. WILLIAM ST., SALISBURY, MD 21801



PER CODE(S): NEC 2017: 705.10 + 710.10

JOB SAFETY PLAN

110 E. WILLIAM ST., SALISBURY, MD 21801



PER CODE(S): NEC 2017: 705.10 + 710.10

LOCATION OF NEAREST URGENT CARE FACILITY
 NAME:
 ADDRESS:
 PHONE NUMBER:

NOTES:

- INSTALLER SHALL DRAW IN DESIGNATED SAFETY AREA AROUND HOME
- INSTALLER SHALL UPDATE NAME, ADDRESS, AND PHONE NUMBER OF NEAREST URGENT CARE FACILITY RELATIVE TO THE JOB SITE BEFORE STARTING WORK.

PRINT NAME	INITIAL	YES	NO



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 RESIDENCE
 110 E. WILLIAM ST.,
 SALISBURY, MD 21801
 PH#:(410) 845-0824

SHEET NAME

SAFETY PLAN

SHEET SIZE

ANSI B
 11" X 17"

SHEET NUMBER

PV-7



390-410W

HY-DH108P8
108 HALF-CELL BIFACIAL MODULE

High conversion efficiency

Module efficiency up to 21.0% achieved through advanced cell technology and manufacturing process

Excellent weak light performance

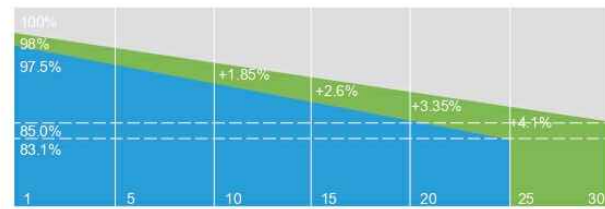
More power output in weak light condition, such as cloudy, morning and sunset

Extended mechanical performance

Module certified to withstand extreme wind (2400 Pa) and snow loads (5400 Pa)

Quality guarantee

High module quality ensures long-term reliability



■ First year power degradation ■ Annual power degradation

12 Years warranty for materials and processing 30 Years warranty for extra linear power output

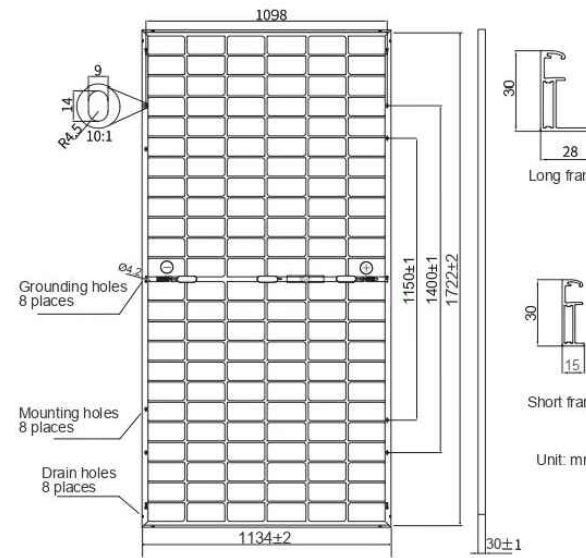


info@hyperion-usa.com
Producer Address: Amata City Industrial Estate, Mapyangphon Subdistrict, Pluak Daeng District, Rayong Province, Thailand

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HY-DH108P8-En-V1.0



HY-DH108P8 390-410W(B)



Mechanical Characteristics	
Solar Cell	Mono PERC 182 mm
No. of Cells	108 (6 × 18)
Dimensions	1722±2 × 1134±2 × 35±1 mm
Weight	22.6kg (±3%)
Cable Cross Section Size	4mm²(IEC), 12 AWG(UL)
Junction Box	IP68 rated (3 bypass diodes)
Output Cables	Portrait: (-)350 mm and (+)160 mm in length or customized length
Front/Back Glass	2.0mm AR Tempered glass 2.0mm Semi-tempered glass
Container	36 pcs/Pallet, 936 pcs/ 40'HQ

Operating Parameters	
Max. System Voltage	DC 1500V
Operating Temperature	-40 C ~ +85 C
Max. Fuse Rated Current	30A
Front Static Load(snow,wind)	5400Pa(112lb/ft²)
Back Static Load(wind)	2400Pa(50lb/ft²)
Bifaciality	70%±10%
Fire Resistance	UL Type 29

Electrical Characteristics

	410W	405W	400W	395W	390W	
Maximum Power at STC (Pmax)	410W	405W	400W	395W	390W	
Optimum Operating Voltage (Vmp)	31.45V	31.21V	31.01V	30.84V	30.64V	
Optimum Operating Current (Imp)	13.04A	12.98A	12.90A	12.81A	12.73A	
Open Circuit Voltage (Voc)	37.32V	37.23V	37.07V	36.98V	36.85V	
Short Circuit Current (Isc)	13.95A	13.87A	13.79A	13.70A	13.61A	
Module Efficiency	21.0%	20.7%	20.5%	20.2%	20.0%	
Operating Module Temperature	-40 °C to +85 °C		Maximum Series Fuse Rating			25 A
Maximum System Voltage	1500 V DC (IEC)		Power Tolerance			0/+5 W

NMOT

Maximum Power at NMOT (Pmax)	309.4W	305.8W	302.2W	298.5W	294.8W
Optimum Operating Voltage (Vmp)	29.2V	29.0V	28.8V	28.6V	28.4V
Optimum Operating Current (Imp)	10.67A	10.63A	10.58A	10.53A	10.47A
Open Circuit Voltage (Voc)	35.21V	35.00V	34.77V	34.61V	34.43V
Short Circuit Current (Isc)	11.22A	11.18A	11.13A	11.08A	11.02A

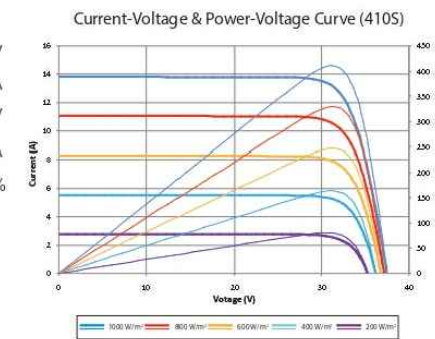
Irradiance 800 W/m², ambient temperature 20 °C, AM=1.5, wind speed 1 m/s.

Electrical Characteristics with Different Rearside Power Gain (Reference to 405W Front)

Rearside Power Gain	5%	15%	25%
Maximum Power at STC (Pmax)	425W	466W	506W
Optimum Operating Voltage (Vmp)	31.41V	31.41V	31.40V
Optimum Operating Current (Imp)	13.59A	14.88A	16.18A
Open Circuit Voltage (Voc)	37.22V	37.23V	37.23V
Short Circuit Current (Isc)	14.48A	15.86A	17.24A
Module Efficiency	21.68%	23.74%	25.81%

Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42 ± 2 °C
Nominal Cell Operating Temperature	45 ± 2 °C
Temperature Coefficient of Pmax	-0.36%/°C
Temperature Coefficient of Voc	-0.304%/°C
Temperature Coefficient of Isc	0.050%/°C



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HY-DH108P8-En-V1.0



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SHEET NAME
EQUIPMENT
SPECIFICATION

SHEET SIZE
ANSI B
11" X 17"

SHEET NUMBER
PV-8

Single Phase Inverter with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US / SE7600H-US / SE10000H-US / SE11400H-US



INVERTERS

Optimized installation with HD-Wave technology

- Specifically designed to work with power optimizers
- Record-breaking 99% weighted efficiency
- Quick and easy inverter commissioning directly from a smartphone using the SolarEdge SetApp
- Fixed voltage inverter for longer strings
- Integrated arc fault protection and rapid shutdown for NEC 2014, NEC 2017 and NEC 2020 per article 690.11 and 690.12
- UL1741 SA certified, for CPUC Rule 21 grid compliance
- Small, lightweight, and easy to install both outdoors or indoors
- Built-in module-level monitoring
- Optional: Faster installations with built-in consumption metering (1% accuracy) and production revenue grade metering (0.5% accuracy, ANSI C12.20)

solaredge.com



Single Phase Inverter with HD-Wave Technology for North America

SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US / SE7600H-US / SE10000H-US / SE11400H-US

MODEL NUMBER	SE3000H-US	SE3800H-US	SE5000H-US	SE6000H-US	SE7600H-US	SE10000H-US	SE11400H-US		
APPLICABLE TO INVERTERS WITH PART NUMBER	SEXXXXH-XXXXXBXX4								
OUTPUT									
Rated AC Power Output	3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400 @ 240V 10000 @ 208V	VA	
Maximum AC Power Output	3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400 @ 240V 10000 @ 208V	VA	
AC Output Voltage Min.-Nom.-Max. (211 - 240 - 264)	✓	✓	✓	✓	✓	✓	✓	Vac	
AC Output Voltage Min.-Nom.-Max. (183 - 208 - 229)	-	✓	-	✓	-	-	✓	Vac	
AC Frequency (Nominal)	59.3 - 60 - 60.5 ⁽¹⁾							Hz	
Maximum Continuous Output Current @240V	12.5	16	21	25	32	42	47.5	A	
Maximum Continuous Output Current @208V	-	16	-	24	-	-	48.5	A	
Power Factor	1, Adjustable - 0.85 to 0.85								
GFDI Threshold	1							A	
Utility Monitoring, Islanding Protection, Country Configurable Thresholds	Yes								
INPUT									
Maximum DC Power @240V	4650	5900	7750	9300	11800	15500	17650	W	
Maximum DC Power @208V	-	5100	-	7750	-	-	15500	W	
Transformer-less, Ungrounded	Yes								
Maximum Input Voltage	480							Vdc	
Nominal DC Input Voltage	380							Vdc	
Maximum Input Current @240V ⁽²⁾	8.5	10.5	13.5	16.5	20	27	30.5	Adc	
Maximum Input Current @208V ⁽²⁾	-	9	-	13.5	-	-	27	Adc	
Max. Input Short Circuit Current	45							Adc	
Reverse-Polarity Protection	Yes								
Ground-Fault Isolation Detection	600ka Sensitivity								
Maximum Inverter Efficiency	99	99.2							%
CEC Weighted Efficiency	99						99 @ 240V 98.5 @ 208V	%	
Nighttime Power Consumption	< 2.5							W	

(1) For other regional settings please contact SolarEdge support.
(2) A higher current source may be used; the inverter will limit its input current to the values stated



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/ Single Phase Inverter with HD-Wave Technology for North America

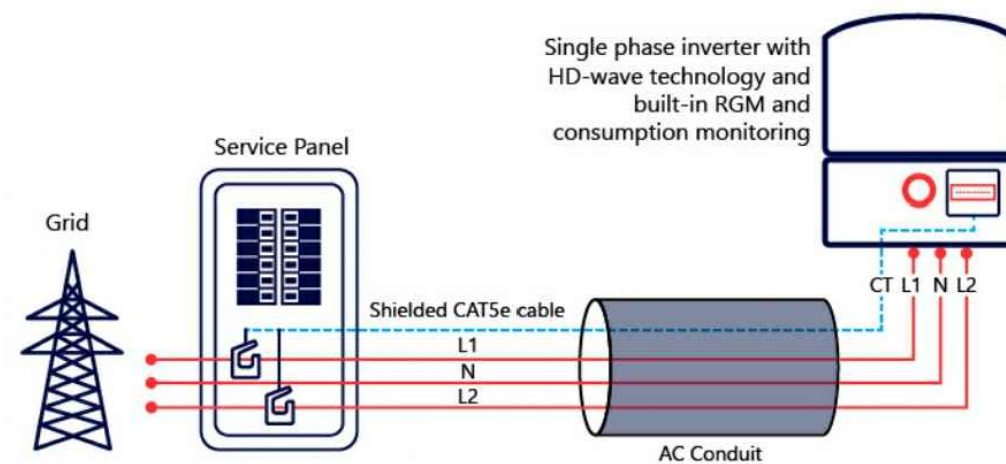
SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US / SE7600H-US / SE10000H-US / SE11400H-US

MODEL NUMBER	SE3000H-US	SE3800H-US	SE5000H-US	SE6000H-US	SE7600H-US	SE10000H-US	SE11400H-US
ADDITIONAL FEATURES							
Supported Communication Interfaces	RS485, Ethernet, ZigBee (optional), Cellular (optional)						
Revenue Grade Metering, ANSI C12.20	Optional ⁽³⁾						
Consumption metering							
Inverter Commissioning	With the SetApp mobile application using Built-in Wi-Fi Access Point for Local Connection						
Rapid Shutdown - NEC 2014, NEC 2017 and NEC 2020, 690.12	Automatic Rapid Shutdown upon AC Grid Disconnect						
STANDARD COMPLIANCE							
Safety	UL1741, UL1741 SA, UL1699B, CSA C22.2, Canadian AFCI according to T.I.L. M-07						
Grid Connection Standards	IEEE1547, Rule 21, Rule 14 (H)						
Emissions	FCC Part 15 Class B						
INSTALLATION SPECIFICATIONS							
AC Output Conduit Size / AWG Range	1" Maximum / 14-6 AWG			1" Maximum / 14-4 AWG			
DC Input Conduit Size / # of Strings / AWG Range	1" Maximum / 1-2 strings / 14-6 AWG			1" Maximum / 1-3 strings / 14-6 AWG			
Dimensions with Safety Switch (HxWxD)	17.7 x 14.6 x 6.8 / 450 x 370 x 174			21.3 x 14.6 x 7.3 / 540 x 370 x 185			
Weight with Safety Switch	22 / 10	25.1 / 11.4	26.2 / 11.9	38.8 / 17.6			
Noise	< 25			< 50			
Cooling	Natural Convection						
Operating Temperature Range	-40 to +140 / -40 to +60 ⁽⁴⁾						
Protection Rating	NEMA 4X (Inverter with Safety Switch)						

(3) Inverter with Revenue Grade Meter P/N: SExxxH-US000BNC4; Inverter with Revenue Grade Production and Consumption Meter P/N: SExxxH-US000BNH4. For consumption metering, current transformers should be ordered separately: SEACT0750-200NA-20 or SEACT0750-400NA-20, 20 units per box.
 (4) Full power up to at least 50°C / 122°F; for power de-rating information refer to: <https://www.solaredge.com/sites/default/files/se-temperature-derating-note-napdf>

How to Enable Consumption Monitoring

By simply wiring current transformers through the inverter's existing AC conduits and connecting them to the service panel, homeowners will gain full insight into their household energy usage helping them to avoid high electricity bills



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RoHS



TITAN SOLAR POWER
 160 N MCQUEEN RD,
 GILBERT, AZ 85233, USA
 PHONE: (808) 371-5338

TITAN SOLAR POWER

CONTRACTOR LIC# 14480 AND 150562

REVISIONS

DESCRIPTION	DATE	REV

SIGNATURE WITH SEAL

DATE: 03/23/2023

PROJECT NAME & ADDRESS

LUCIA FUENTES
 RESIDENCE
 110 E. WILLIAM ST.,
 SALISBURY, MD 21801
 PH#: (410) 845-0824

SHEET NAME
 EQUIPMENT
 SPECIFICATION

SHEET SIZE

ANSI B
 11" X 17"

SHEET NUMBER

PV-9A

Power Optimizer For Residential Installations

S440 / S500 / S500B



POWER OPTIMIZER

Enabling PV power optimization at the module level

- Specifically designed to work with SolarEdge residential inverters
- Mitigates all types of module mismatch loss, from manufacturing tolerance to partial shading
- Detects abnormal PV connector behavior, preventing potential safety issues*
- Faster installations with simplified cable management and easy assembly using a single bolt
- Module-level voltage shutdown for installer and firefighter safety
- Flexible system design for maximum space utilization
- Superior efficiency (99.5%)
- Compatible with bifacial PV modules

*Functionality subject to inverter model and firmware version

solaredge.com



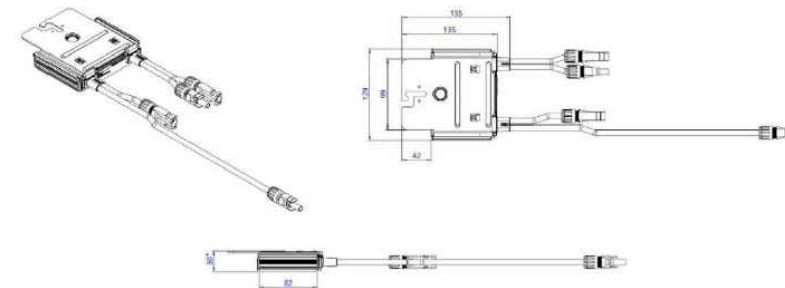
Power Optimizer For Residential Installations S440 / S500 / S500B

	S440	S500	S500B	UNIT
INPUT				
Rated Input DC Power ⁽¹⁾	440	500		W
Absolute Maximum Input Voltage (Voc)		60	125	Vdc
MPPT Operating Range		8 – 60	12.5 – 105	Vdc
Maximum Short Circuit Current (Isc) of Connected PV Module	14.5		15	Adc
Maximum Efficiency		99.5		%
Weighted Efficiency		98.6		%
Overvoltage Category		II		
OUTPUT DURING OPERATION				
Maximum Output Current		15		Adc
Maximum Output Voltage		60	80	Vdc
OUTPUT DURING STANDBY (POWER OPTIMIZER DISCONNECTED FROM INVERTER OR INVERTER OFF)				
Safety Output Voltage per Power Optimizer		1 ± 0.1		Vdc
STANDARD COMPLIANCE⁽²⁾				
EMC		FCC Part 15 Class B, IEC61000-6-2, IEC61000-6-3, CISPR11, EN-55011		
Safety		IEC62109-1 (class II safety), UL1741		
Material		UL94 V-0, UV Resistant		
RoHS		Yes		
Fire Safety		VDE-AR-E 2100-712:2013-05		
INSTALLATION SPECIFICATIONS				
Maximum Allowed System Voltage		1000		Vdc
Dimensions (W x L x H)		129 x 155 x 30	129 x 155 x 45	mm
Weight (including cables)		655		gr
Input Connector		MC4 ⁽³⁾		
Input Wire Length		0.1		m
Output Connector		MC4		
Output Wire Length		(+) 2.3, (-) 0.10		m
Operating Temperature Range ⁽⁴⁾		-40 to +85		°C
Protection Rating		IP68		
Relative Humidity		0 – 100		%

(1) Rated power of the module at STC will not exceed the Power Optimizer Rated Input DC Power. Modules with up to +5% power tolerance are allowed.
 (2) For details about CE compliance, see Declaration of Conformity – CE.
 (3) For other connector types please contact SolarEdge.
 (4) For ambient temperature above +70°C power de-rating is applied. Refer to Power Optimizers Temperature De-Rating Technical Note for details.

PV System Design Using a SolarEdge Inverter ⁽⁵⁾	SolarEdge Home Wave Single Phase	Three Phase SExxK-RWB	Three Phase for 230/400V Grid	Three Phase for 277/480V Grid	
Minimum String Length (Power Optimizers)	S440, S500: 8 S500B: 6	8	9	16	18
Maximum String Length (Power Optimizers)	25	20		50	
Maximum Continuous Power per String	5700	5625	11250	12750	W
Maximum Allowed Connected Power per String (Permitted only when the power difference between strings is less than 2,000W)	See ⁽⁶⁾	See ⁽⁶⁾	13500	15000	W
Parallel Strings of Different Lengths or Orientations			Yes		

(5) It is not allowed to mix S-series and P-series Power Optimizers in new installations.
 (6) If the inverter's rated AC power < maximum nominal power per string, then the maximum power per string will be able to reach up to the inverter's maximum input DC power. Refer to Application Note: Single String Design Guidelines.



* 45mm for S500B

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CE RoHS



TITAN SOLAR POWER
160 N MCQUEEN RD,
GILBERT, AZ 85233, USA
PHONE: (808) 371-5338

TITAN SOLAR POWER

CONTRACTOR LIC# 14480 AND 150562

REVISIONS

DESCRIPTION	DATE	REV

SIGNATURE WITH SEAL

DATE: 03/23/2023

PROJECT NAME & ADDRESS

LUCIA FUENTES
RESIDENCE
110 E. WILLIAM ST.,
SALISBURY, MD 21801
PH#: (410) 845-0824

SHEET NAME
EQUIPMENT
SPECIFICATION

SHEET SIZE

ANSI B
11" X 17"

SHEET NUMBER

PV-10



TITAN SOLAR POWER
 160 N MCQUEEN RD,
 GILBERT, AZ 85233, USA
 PHONE: (808) 371-5338

TITAN SOLAR POWER

CONTRACTOR LIC# 14480 AND 150562

REVISIONS

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DATE: 03/23/2023

PROJECT NAME & ADDRESS

LUCIA FUENTES
 RESIDENCE
 110 E. WILLIAM ST.,
 SALISBURY, MD 21801
 PH#: (410) 845-0824

SHEET NAME
**EQUIPMENT
 SPECIFICATION**

SHEET SIZE

ANSI B
 11" X 17"

SHEET NUMBER

PV-11

We support PV systems
 Formerly Everest Solar Systems



Splice Foot X

Patent Pending

TECHNICAL SHEET

Item Number	Description	Part Number
1	Splice Foot X	4000113 Splice Foot X Kit, Mill
2	K2 FlexFlash Butyl	
3	M5 x 60 lag screws	
4	T-Bolt & Hex Nut Set	

Technical Data

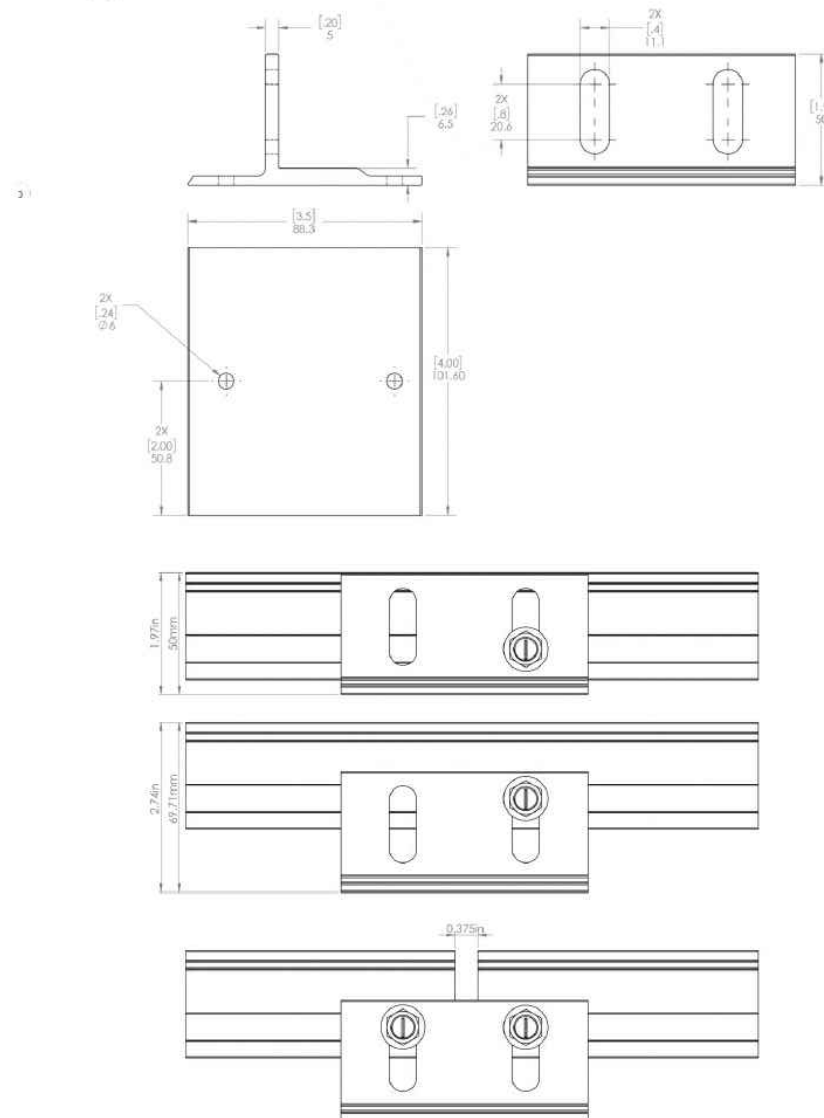
Splice Foot X	
Roof Type	Composition shingle
Material	Aluminum with stainless steel hardware
Finish	Mill
Roof Connection	M5 x 60 lag screws
Code Compliance	UL 2703
Compatibility	CrossRail 44-X, 48-X, 48-XL, 80

k2-systems.com

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 Formerly Everest Solar Systems



Units: [in] mm

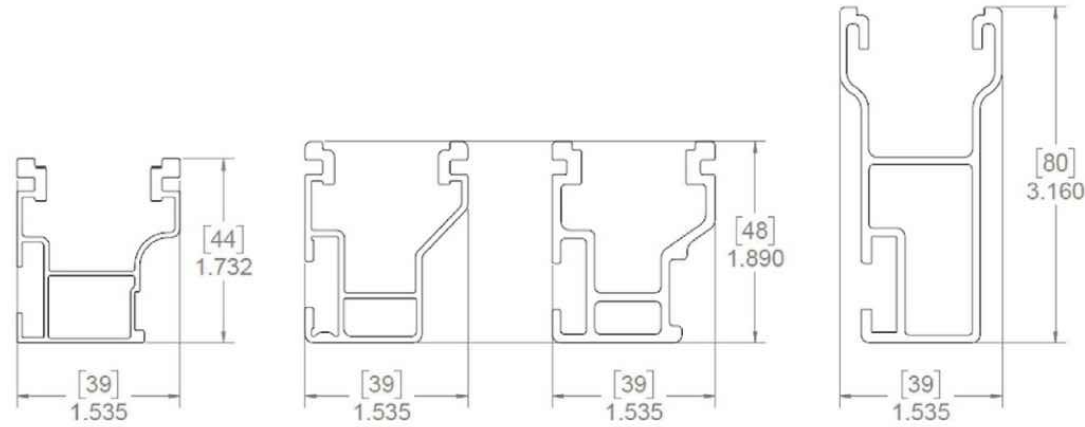


k2-systems.com

CONNECTING STRENGTH



Units: [mm] in



Technical Data

CrossRail System	
Roof Type	Composition shingle, tile, standing seam
Material	High corrosion resistance stainless steel and high grade aluminum
Flexibility	Modular construction, suitable for any system size, height adjustable
PV Modules	For all common module types
Module Orientation	Portrait and landscape
Roof Connection	Drill connection into rafter
Structural Validity	IBC compliant, stamped engineering letters available for all solar states
Warranty	25 years

CONNECTING STRENGTH



CROSSRAIL 44-X



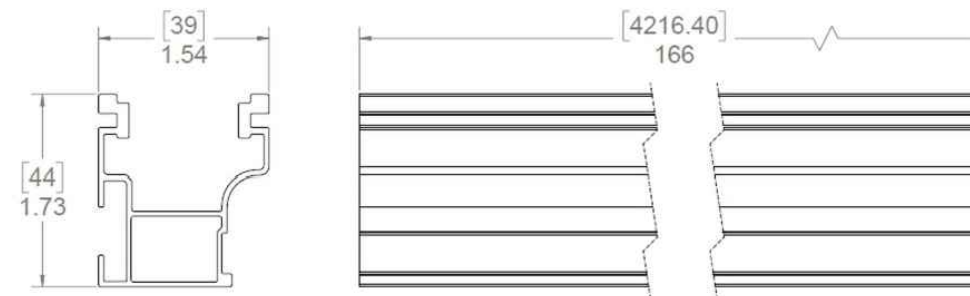
Mechanical Properties

CrossRail 44-X	
Material	6000 Series Aluminum
Ultimate Tensile Strength	37.7 ksi (260 MPa)
Yield Strength	34.8 ksi (240 MPa)
Weight	0.47 lbs/ft (0.699 kg/m)
Finish	Mill or Dark Anodized

Sectional Properties

CrossRail 44-X	
Sx	0.1490 in ³ (0.3785 cm ³)
Sy	0.1450 in ³ (0.3683 cm ³)
A [X-Section]	0.4050 in ² (1.0287 cm ²)

Units: [mm] in



Notes:

- ▶ Structural values and span charts determined in accordance with Aluminum Design Manual and ASCE 7-16
- ▶ UL2703 Listed System for Fire and Bonding



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TITAN SOLAR POWER

CONTRACTOR LIC# 14480 AND 150562

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DATE: 03/23/2023

PROJECT NAME & ADDRESS

LUCIA FUENTES
RESIDENCE
110 E. WILLIAM ST.,
SALISBURY, MD 21801
PH#: (410) 845-0824

SHEET NAME

EQUIPMENT
SPECIFICATION

SHEET SIZE

ANSI B
11" X 17"

SHEET NUMBER

PV-12



Intertek
3933 US Route 11
Cortland, NY 13045
Telephone: 607-753-7311
www.intertek.com

Subject: ETL Evaluation of SolarEdge Products to Rapid Shutdown Requirements

To, whom it may concern

This letter represents the testing results of the below listed products to the requirements contained in the following standards:

The evaluation was done on the PV Rapid Shutdown System (PVRSS), and covers installations consisting of optimizers and inverters with part numbers listed below.

The testing done has verified that controlled conductors are limited to:

- Not more than 30 volts and 240 voltamperes within 30 seconds of rapid shutdown initiation outside the array.
- Not more than 80 volts and 240 voltamperes within 30 seconds of rapid shutdown initiation inside the array.

The rapid shutdown initiation is performed by either disconnecting the AC feed to the inverter, or – if the inverter DC Safety switch is readily accessible – by turning off the DC Safety switch.

Applicable products:

- (1) Power optimizers:

PB followed by 001 to 350; followed by -AOB or -TFI.
OP followed by 001 to 500; followed by -LV, -MV, -IV or -EV.
P followed by 001 to 1100.
SP followed by 001 to 350.

When optimizers are connected to 2 or more modules in series, the max input voltage may exceed 80V. Following the implementation of the NEC 2017 rapid shutdown value of 80V max inside of the array at the beginning of 2019, modules exceeding this combined input max voltage will be required to use optimizers with parallel inputs. Also meeting NEC 2020 rapid shutdown requirement.

- (2) 1 -PH Inverters

SE3000A-US / SE3800A-US / SE5000A-US / SE6000A-US / SE7600A-US / SE10000A-US / SE11400A-US / SE3000H-US / SE3800H-US / SE5000H-US / SE6000H-US / SE7600H-US / SE10000H-US / SE11400H-US when the following label is labeled on the side of the inverter:

Inverter part number may be followed by a suffix.

- (3) 3 -PH Inverters



Total Quality. Assured.

SE9KUS / SE10KUS / SE14.4KUS/ SE16.7kUS / SE17.3kUS / SE20KUS/ SE24KUS / SE30KUS / SE33.3KUS / SE40KUS / SE43.2KUS / SE50KUS / SE66.6KUS / SE80KUS / SE85KUS / SE100KUS / SE120KUS; when the following label is labeled on the side of the inverter:

Please note, this Letter Report does not represent authorization for the use of any Intertek certification marks.

Brand Name(s) SolarEdge
Relevant Standard(s) UL 1741, UL 1741 CRD for rapid shutdown
National Electric Code, 2020, Section 690.12 requirement for rapid shutdown
Verification Issuing Office 3933 US Route 11, Cortland, NY 13045

NRTL Disclaimer, Different for each NRTL – Example: "This Verification is for the exclusive use of NRTL's Client and is provided pursuant to the agreement between NRTL and its Client. NRTL's responsibility and liability are limited to the terms and conditions of the agreement. NRTL assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the NRTL name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by NRTL. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an NRTL certification program."

Signature:

Name: Mukund Rana
Position: Staff Engineer
Date: 5/17/2021

Intertek
3933 US Route 11
Cortland, NY 13045
Telephone: 607-753-7311
www.intertek.com



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Telephone: 607-753-7311
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Date	Engineer / Reviewer	Description
5/17/2021 G104683664CRT	Dishant Patel	Added New 3-PH Inverter model SE50KUS, SE80KUS, SE85KUS and SE120KUS.
	Mukund Rana	Updated Power optimizers from "P followed by 001 to 960" to "P followed by 001 to 1100"
		Updated NEC standard from "National Electric Code, 2017, Section 690.12 requirement for rapid shutdown" To "National Electric Code, 2020, Section 690.12 requirement for rapid shutdown"



TITAN SOLAR POWER
160 N MCQUEEN RD,
GILBERT, AZ 85233, USA
PHONE: (808) 371-5338

TITAN SOLAR POWER

CONTRACTOR LIC# 14480 AND 150562

REVISIONS

DESCRIPTION	DATE	REV

SIGNATURE WITH SEAL

DATE: 03/23/2023

PROJECT NAME & ADDRESS

LUCIA FUENTES
RESIDENCE
110 E. WILLIAM ST.,
SALISBURY, MD 21801
PH#: (410) 845-0824

SHEET NAME

EQUIPMENT
SPECIFICATION

SHEET SIZE

ANSI B
11" X 17"

SHEET NUMBER

PV-13



TITAN SOLAR POWER
 160 N MCQUEEN RD,
 GILBERT, AZ 85233, USA
 PHONE: (808) 371-5338

TITAN SOLAR POWER

CONTRACTOR LIC# 14480 AND 150562

RECOMMENDED OCPD SIZE PER GRID:

	SE3000H-US	SE3800H-US	SE5000H-US	SE6000H-US	SE7600H-US	SE10000H-US	SE11400H-US	Unit
OUTPUT								
Rated AC Power Output	3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400	VA
Max AC Power Output	3000	3800 @ 240V 3300 @ 208V	5000	6000 @ 240V 5000 @ 208V	7600	10000	11400	VA
AC Output Voltage Min.-Nom.-Max.(183 - 208 - 229)	-	✓	-	✓	-	-	-	Vac
AC Output Voltage Min.-Nom.-Max.(211 - 240 - 264)	✓	✓	✓	✓	✓	✓	✓	Vac
AC Frequency (Nominal)	59.3 - 60 - 60.5 ¹							Hz
Maximum Continuous Output Current 208V	-	16	-	25	-	-	-	A
Maximum Continuous Output Current 240V	12.5	16	21	25	32	42	47.5	A
Max. output fault current and duration @208V	-	17.5 / 20	-	27.5 / 20	-	-	-	A / ms
Max. output fault current and duration @240V	14 / 20	17.5 / 20	23 / 20	27.5 / 20	40 / 20	56.6 / 20		A / ms
Inrush current AC (Peak/ Duration)	2.8 / 20					3.45 / 20		Aac (rms) / ms
Max. output overcurrent protection	35		48		55	80		A

REVISIONS

DESCRIPTION	DATE	REV

SIGNATURE WITH SEAL

DATE: 03/23/2023

PROJECT NAME & ADDRESS

LUCIA FUENTES
 RESIDENCE
 110 E. WILLIAM ST.,
 SALISBURY, MD 21801
 PH#: (410) 845-0824

SHEET NAME

EQUIPMENT
 SPECIFICATION

SHEET SIZE

ANSI B
 11" X 17"

SHEET NUMBER

PV-14

Salisbury Historic District Commission

STAFF FINDINGS

Meeting of July 26, 2023

Case Number:	#23-16
Commission Considering:	Solar Panels
Owner Name:	Lucia Fuentes
Owners Address:	110 E William St Salisbury, MD 21801
Applicant Name:	Kadeidra Jarrett
Applicant's Address:	525 W Baseline Road Mesa, AZ 85210
Agent/Contractor:	Titan Solar Panel
Subject Property Address:	110 E William St
Historic District:	Newtown Historic District
Use Category:	Commercial
Zoning Classification:	R – 5
Structure / Site Description:	
Built Date:	1920
Enclosed Area:	2,792 sq. ft.
Lot Size:	6,958 sq. ft.
Number of Stories:	2
Contributing Structure:	Yes 8/22/2012

Wicomico County Historic Survey on file: No

Nearby Properties on County Survey: Yes

Including but not limited to:

112 E William St- J. Clarence Parker House
106 E William St- Albert. W Lankford

Explanation of Request: The applicant is seeking approval to add 24 Solar Panels to roof.

Areas of Historic Guidelines to be considered:

Guideline 31: Solar Panels

a. Solar panels should be installed in a location that minimizes their visibility as much as possible. Flat roofs, and rear sloping roofs are the best candidates.

Evaluation Criteria:

Pursuant to Section 17.52.040 A & B of the Salisbury Zoning Code, it is the duty of the Historic District Commission to review all applications to construct, alter, reconstruct, move or demolish any structure within a Historic District whenever the exterior appearance of such structure is affected, and to approve or reject said application. In reviewing an application and plans, the Commission should give consideration to review criteria, and may make a determination as to which of said Criteria are applicable.

Staff Findings Prepared By: Jessica Budd
Infrastructure and Development
125 N Division Street, Suite 202
Salisbury, MD 21801
(410) 548-3170
Date: July 17, 2023

[View Map](#)

[View Structure Redemption](#)

[View GroundRent Registration](#)

Special Tax Recapture: None

Assessed Identifier: District - 03 Account Number - 000013

Owner Information

Owner Name: FURNES SCOTT L J & D Use: Principal Residence RESIDENTIAL
 Mailing Address: 110 E WILLIAM ST Deed Reference: 041211 0008
 SALISBURY MD 21801

Location & Structure Information

Premises Address: 110 E WILLIAM ST Legal Description: 0.858 ACPT
 SALISBURY 21801 0000 CITY OF SALIS

Map	Grid	Parcel	Neighborhood	Subdivisions	Sections	Block	Lot	Assessment Year	Plot No
0107	0003	0818	000166.20	0000				2022	Plot Ref.

Town: SALISBURY

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
1620	2,752 SF		0.858 AP	

Stories	Basement	Type	Exterior	Quality	Full/Bath	Garage	Last Notice of Major Improvements
2	NO	STANDARD UNIT	BRICK/	3	3.5B		

Value Information

	Base Value	Value	Phase In Assessments	
			As of	As of
Land	17,600	17,600	07/01/2022	07/01/2022
Improvements	70,800	118,000		
Total	87,800	136,600	10/01/2022	100,200
Preferential Land	0	0		

Transfer Information

Seller	Date	Price
MORRIS ROSEBCK C IV Type: ARMS LENGTH IMPROVED	02/02/2017 Deed#: 041211 0008	\$90,000 Gross
SEHR INC Type: ARMS LENGTH IMPROVED	01/12/2006 Deed#: 020109 0203	\$158,000 Gross
ZIRPEL H WERNER Type: ARMS LENGTH IMPROVED	10/16/2001 Deed#: 010811 0018	\$80,000 Gross

Exemption Information

Partial Exempt Assessments:	Class	01/01/2022	01/01/2023
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.000000	0.000000

Special Tax Recapture: None

Homestead Application Information

Homestead Application Status: No Application

Homeowners' Tax Credit Application Information

Homeowners' Tax Credit Application Status: No Application

Date:

Salisbury Historic District Commission

Hearing Notification

Hearing Date: July 26, 2023

Time: 7:00 pm

Location: Government Office Building
125 N. Division Street
Salisbury, MD. 21804
Room 301

Case Number: #23-17

Commission Considering: New Construction

Owner's Name: **St Francis De Sales**

Applicant Name: **Chris Mills**

Agent/Contractor: Not Indicated

Subject Property Address: 411 Wicomico St

Historic District: Camden Historic District

Use Category: Residential

Chairman: Mr. Scott Saxman

HDC Staff contact: Jessica Budd
Associate Planner I
(410) 548-3170

Salisbury Historic District Commission

125 N. Division Street
Room 202
Salisbury, MD 21801
(410) 548-3170 / fax (410) 548-3107

Permit Application
\$50 Fee Received 6/12/23 (date)
CX # 1471

Date Submitted: 6/12/23

Date Accepted as Complete: 7/7/23

Subject Location: 411 Wicomico Street

Application by: Chris Mills

Applicant Address: 8467 Rum Ridge Rd Delmar

Applicant Phone: Md 21875 443-944-4797

Case #: #23-17

Action Required By (45 days): 8/21/23

Owner Name: St Frances de Sales

Owner Address: 514 Camden Ave.

Owner Phone: 410-742-6443

Owner Email: Soccermom42kids@aol.com

Work Involves: Alterations New Construction Addition Other Replacement
 Demolition Sign Awning Estimated Cost 175K

DESCRIPTION OF WORK PROPOSED (Please be specific. Attach sheet if space is inadequate) Type of material, color, dimensions, etc. must accompany application. If signs are proposed, indicate material, method of attachment, position on building, size and front lineal feet of building, size and position of all other signs on building, and a layout of the sign.

See Submitted description and pictures on the attached sheet

Are there any easements or deed restrictions for the exterior of this property? If yes, submit a letter from the easement holder stating their approval of the proposed work. Yes No

Do you intend to apply for Federal or State Rehabilitation Tax Credits? If yes, have you contacted Maryland Historical Trust staff? Yes No

If you have checked "Yes" to either of the above questions, please provide a copy of your approval letter from the Maryland Historic Trust along with this application.

See Reverse Side for DOCUMENTS REQUIRED TO BE FILED WITH APPLICATION

All required documents must be submitted to the City Planner, Department of Infrastructure and Development at least 30 days prior to the next public meeting. Failure to include all the required attachments and/or failure of the applicant or his/her authorized representative to appear at the scheduled meeting may result in postponement of the application until the next regular scheduled meeting. If an application is denied, the same application cannot be resubmitted for one year from date of such action. Please be advised that members of the Salisbury Historic District Commission or staff, may visit the subject property prior to the scheduled meeting date to familiarize themselves with the project.

The Salisbury Historic District Commission Rules and Regulations and Design Guidelines are available for review in the office of the Department of Infrastructure and Development for the City of Salisbury as well as on the city's website: www.ci.salisbury.md.us.

I, or my authorized representative, will appear at the meeting of the Salisbury Historic District Commission on as Scheduled by Commission (date). Will be out S. Korea June 16-22 Nextone July 19-24th WV Aug 10-14th

I hereby certify that the owner of the subject premises has been fully informed of the alterations herein proposed and that said owner is in full agreement with this proposal.

Applicant's Signature Chris Mills

Date 6/12/23

Jan B 7/7/23
Application Processor (Date)

Brian Soper 7/18/23

Secretary, S.H.D.C. (Date)

C.E. MILLS GENERAL CONTRACTORS, INC.
8467 RUM RIDGE ROAD
DELMAR, MARYLAND 21875
Email- cemillsbuilding@comcast.net
Website- www.cemillsbuilding.com
Office/Fax- 410-341-0017
Cell- 443-944-4797
MHIC# 0083098
MHBR# 8612

June 08, 2023

To Whom It May Concern:

We propose to construct a 2,200 square foot non-heated grounds building on Parcel 1506 at 411 Wicomico Street, Salisbury, Maryland to be utilized to maintain parcels 1501, 1502, 1503, 1506, 1507, and 1508 that are all owned by St. Francis de Sales Church. The North boundary lot of 1508, East boundary lot of 1507, and West boundary lots of 1501 and 1503 border the proposed building lot of 1506.

The grounds building will replace a building destroyed by a storm fallen tree and a badly deteriorated 20' by 20' shed. We propose to demolish and replace the 20' x 20' shed utilizing the same footprint. The new 20' x 20' grounds building will attach to the 30' x 60' grounds building as depicted in the drawings.

The new building will consist of a vinyl Carolina beaded clay colored siding on the South, East, and West sides. Clay colored Hardy board will be used on the North and West sides where there is a walkway. Matching clay colored garage doors will be installed with stable door hardware.

C.E. MILLS GENERAL CONTRACTORS, INC.
8467 RUM RIDGE ROAD
DELMAR, MARYLAND 21875
Email- cemillsbuilding@comcast.net
Website- www.cemillsbuilding.com
Office/Fax- 410-341-0017
Cell- 443-944-4797
MHIC# 008309
MHBR# 8612

July 7, 2023

To: Wicomico Historic District Commission/Review Committee
Government Office Building
Room 301
125 N. Division St.
Salisbury, MD 21801

Grounds Building Replacement
at St. Francis de Sales on Riverside Drive

1. Clay color Certain Teed collection 6 1/2" Carolina Beaded siding.
2. Pebblestone clay color Georgia Pacific (GP) vented soffit.
3. Clay color GP beaded T2 solid porch ceiling soffit.
4. Clay color James Hardiboard on porch front areas.
5. Clay cottage style collection garage doors.
6. Matching GP charcoal black architectural shingles.
7. Colonial White 8" Board & Batten vertical siding by Vinyl Carpentry over porch gable.
8. White aluminum vinyl on fascia and rake gable boards.
9. White guttering and downspouts.
10. White vinyl 6"x 6" post sleeves over front porch post.

*Note samples of the following products will be brought to the July 26th meeting for review.

District: **13** Account Number: **053456**



The information shown on this map has been compiled from deed descriptions and plats and is not a property survey. The map should not be used for legal descriptions. Users noting errors are urged to notify the Maryland Department of Planning Mapping, 301 W. Preston Street, Baltimore MD 21201.

If a plat for a property is needed, contact the local Land Records office where the property is located. Plats are also available online through the Maryland State Archives at www.plats.net (<http://www.plats.net>).

Property maps provided courtesy of the Maryland Department of Planning.

For more information on electronic mapping applications, visit the Maryland Department of Planning web site at <http://planning.maryland.gov/Pages/OurProducts/OurProducts.aspx> (<http://planning.maryland.gov/Pages/OurProducts/OurProducts.aspx>).

Item 1 From Wico, St
Building set back about
120' and even with
the white fencing



Item 2 Showing
near property line
at the fence.



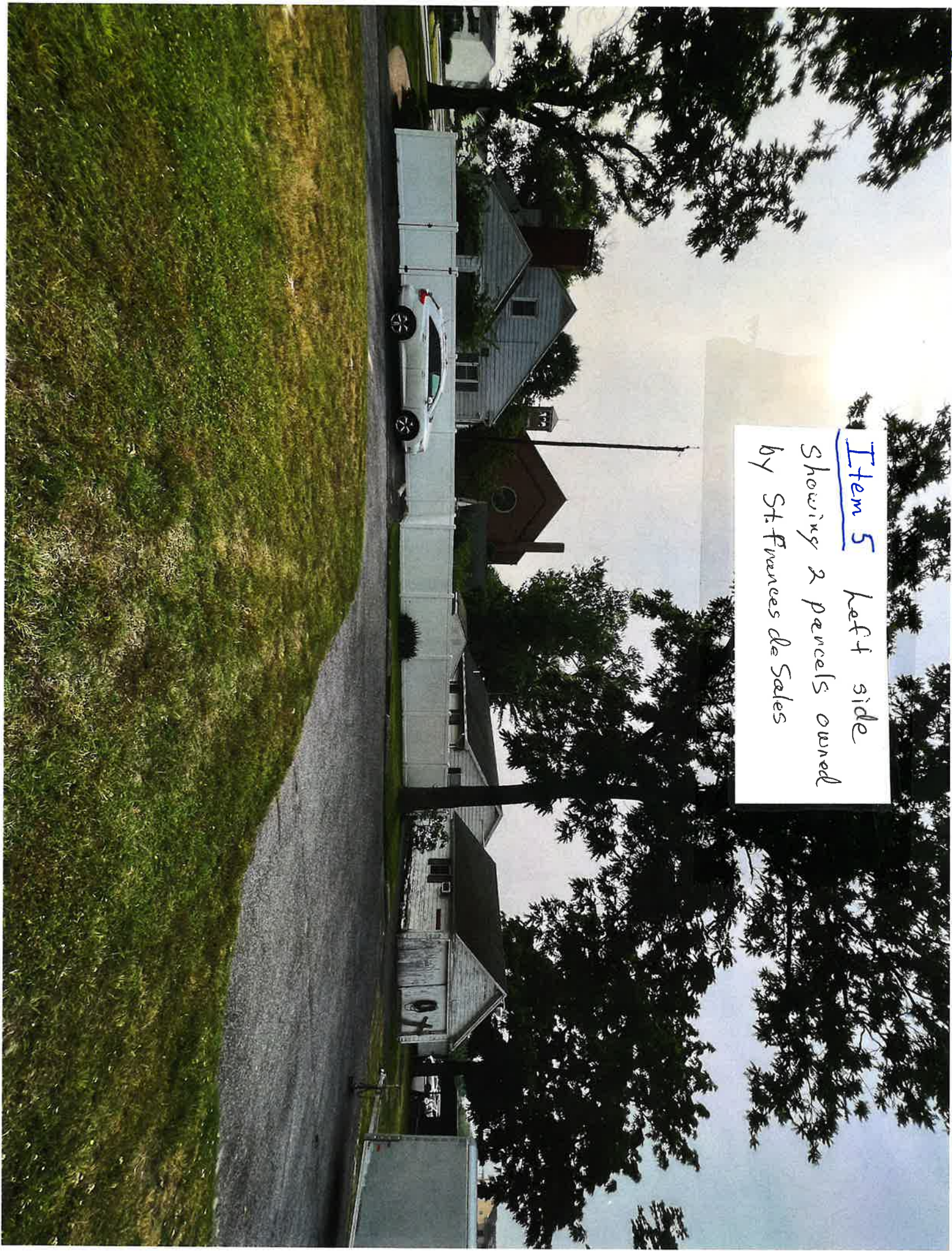
Item 3 Showing the
right side with
the fence to be
removed.



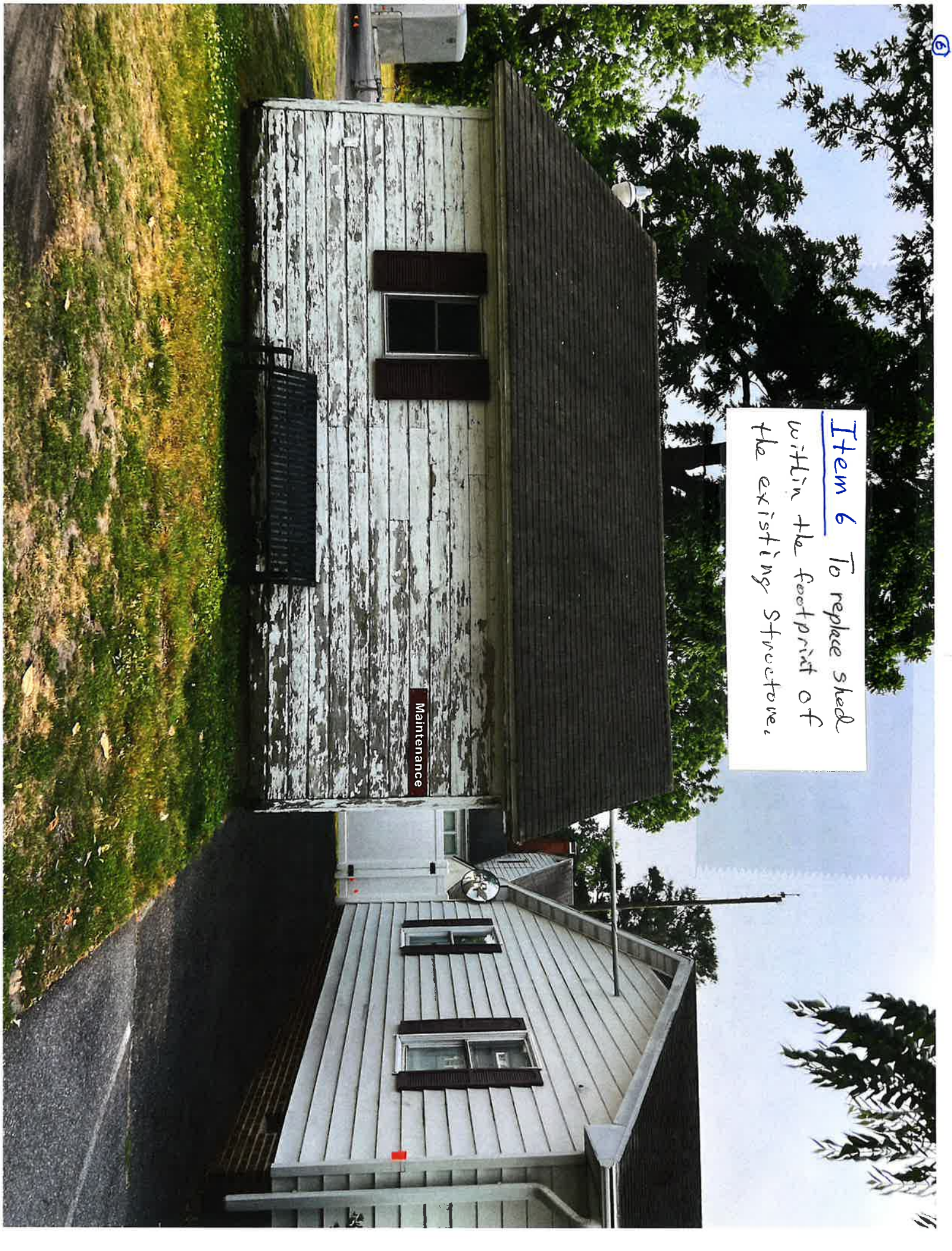
Item 4 Right side on
Same parcel with 15'
Separation between buildings



Item 5 left side
Showing 2 parcels owned
by St. Frances de Sales



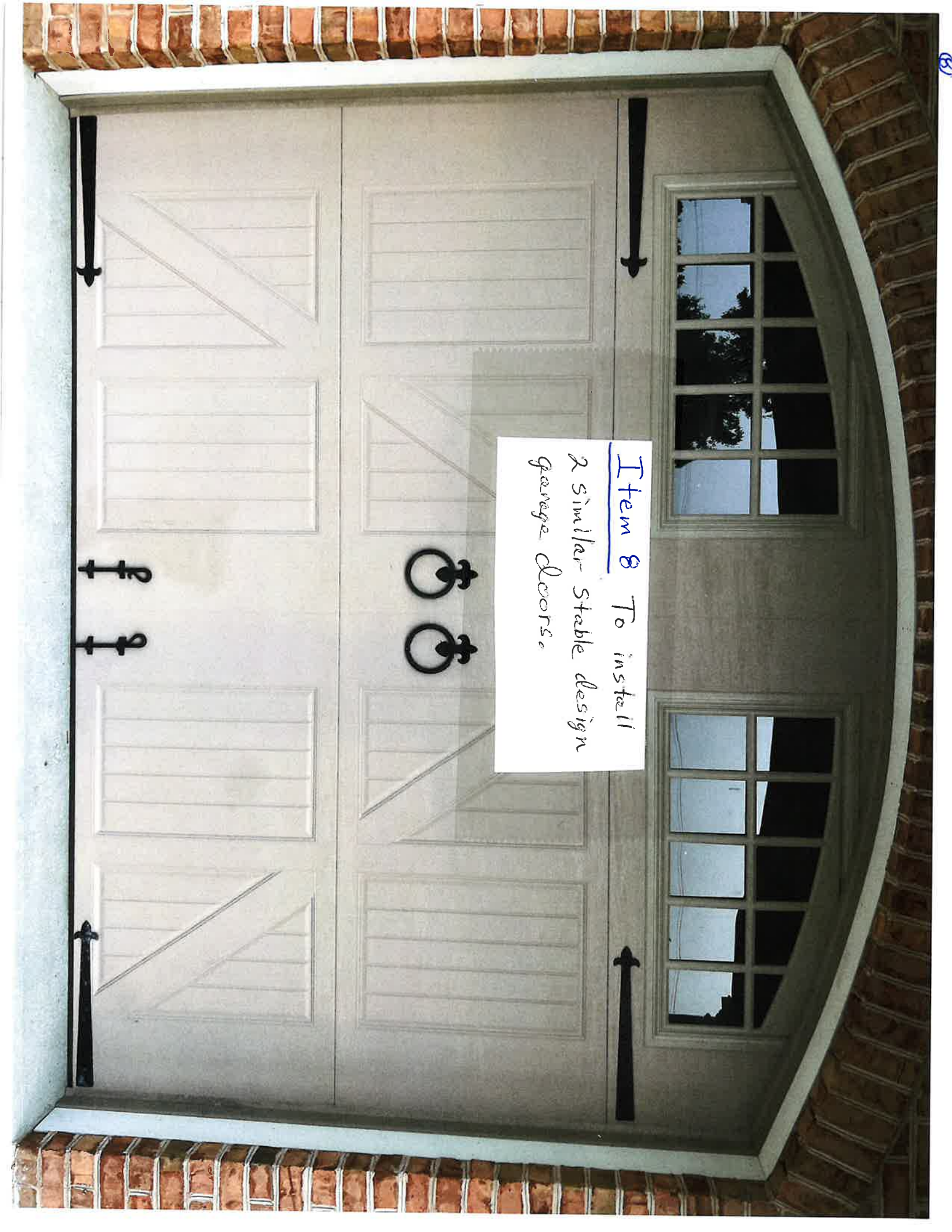
Item 6 To replace shed within the footprint of the existing structure.



Item 7 To replace
dilapidated structure



Item 8 To install
2 similar stable design
garage doors.

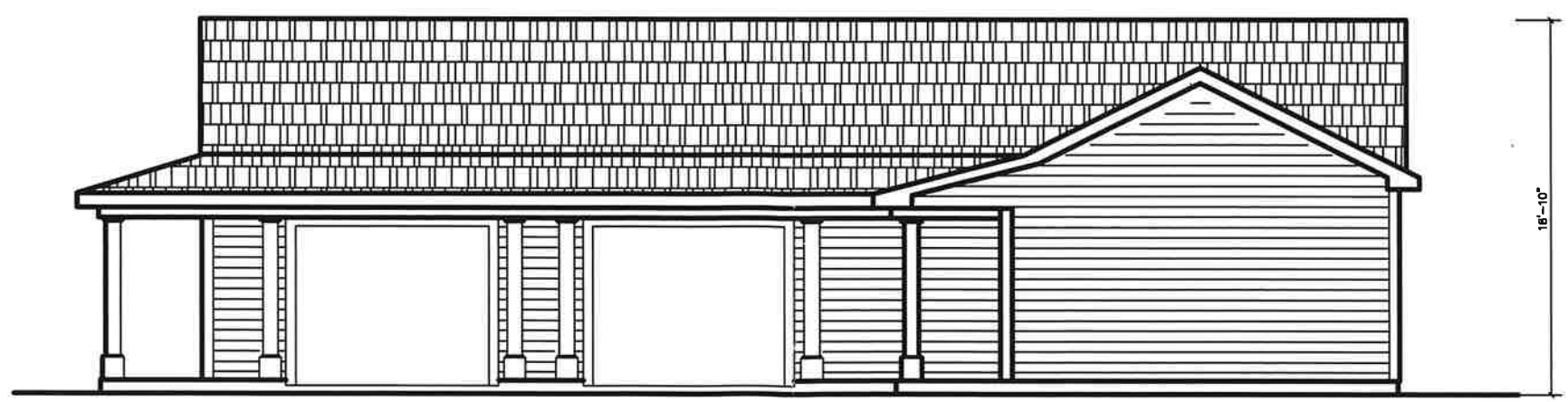


NOTE; ALL WALLS TO BE 8" CONG. BLOCK, SEE WALL SECTION. INSTALL # 4 REBARS VERTICAL THRU 8" CONG. BLOCK 1'-0" FROM ALL CORNERS AND (TYP) 4'-0" O.C. ON THE ENTIRE FOOTPRINT OF THE FOUNDATION. TIE REBARS INTO (E) BLOCK WALLS. ALL FOOTINGS SHALL BE PLACED ON SOLID UNDISTURBED SOIL.

NOTE; ALL HEADERS SHALL BE 2-2"X10" UNLESS NOTED.



LEFT SIDE ELEVATION



FRONT ELEVATION

CONSTRUCTION CODE ANALYSIS:	
USE GROUP	C-1
CONSTRUCTION TYPE	V-B
NUMBER OF STORIES	1
HEIGHT	21'-0"
TOTAL BUILDING AREA	2200 sq. ft
VOLUME OF NEW STRUCTURE	19,800 cu. ft

REVISID; 2-3-2023
 REVISID; 2-2-2023

WILLIAM STUBBS STUDIO
 ARCHITECTURAL DESIGN

ST. FRANCIS DE SALES CHURCH
 514 CAMDEN AVE. SAUSBUARY, MD

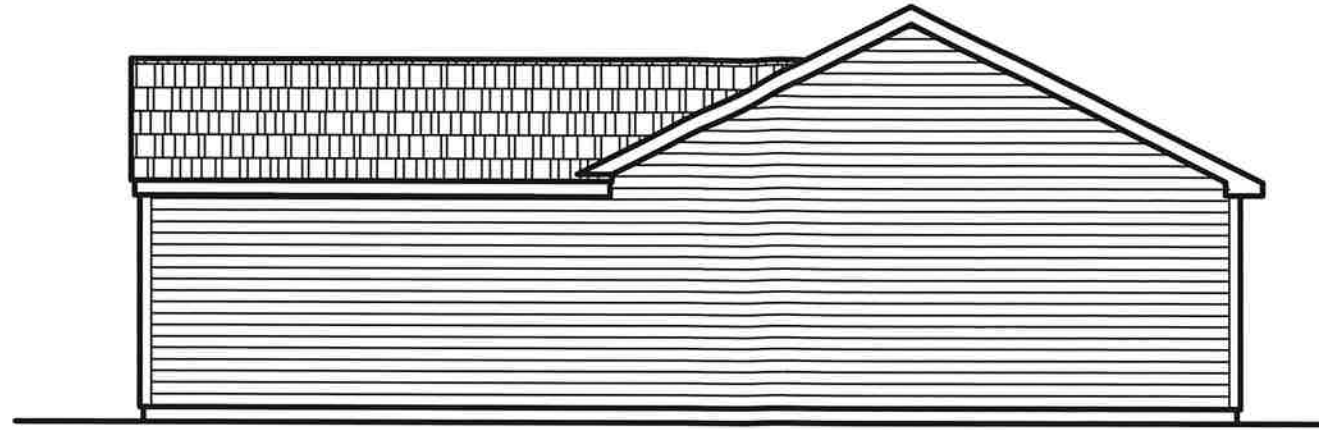
ELEVATIONS
 FEB 7, 2023

NOTE; CONTRACTOR IS TO VERIFY ALL BEAM LOCATIONS, LOLLY COLUMN LOCATIONS, AND ALL DIMENSIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. DO NOT SCALE DRAWING

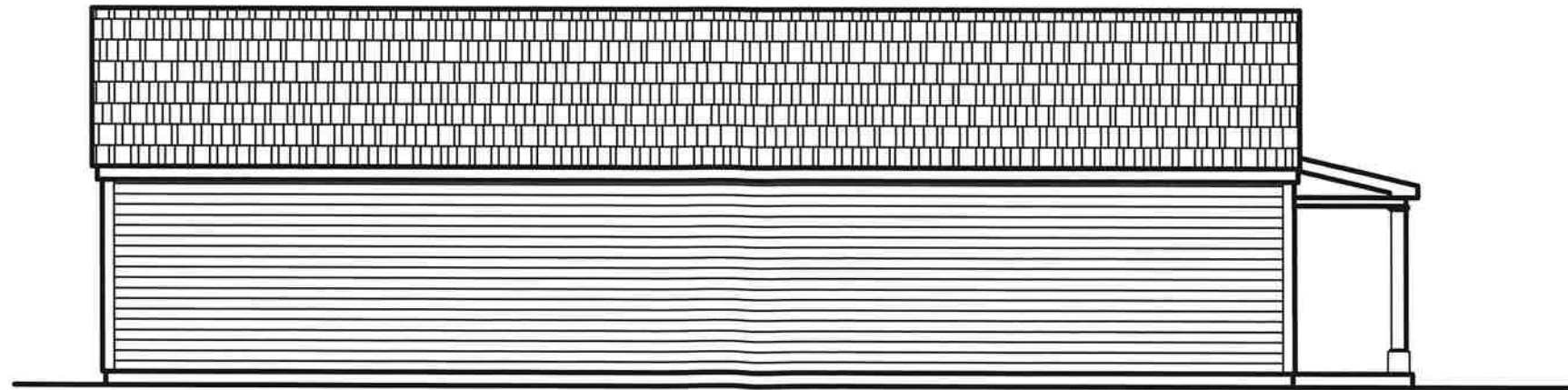
NOTE;
 CONTRACTOR IS TO SUPPLY SHOP DRAWINGS FOR ALL FLOOR JOIST, BEAMS, OPEN WEB WOOD FLOOR JOIST AND ALL ROOF TRUSSES.
 ALL SHOP DRAWINGS SHALL BE SIGNED BY A LICENSED STRUCTURAL ENGINEER.

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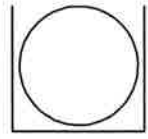
RIGHT SIDE ELEVATION



REAR ELEVATION

REVISED; 2-3-2023
 REVISED; 2-2-2023

CONSTRUCTION CODE ANALYSIS	
USE GROUP	C-1
CONSTRUCTION TYPE	V-B
NUMBER OF STORIES	1
HEIGHT	21'-0"
TOTAL BUILDING AREA	2200 sq. ft
VOLUME OF NEW STRUCTURE	19,800 cu. ft



WILLIAM STUBBS STUDIO
 ARCHITECTURAL DESIGN

ST. FRANCIS DE SALES CHURCH
 514 CAMDEN AVE. SAUSBURY, MD

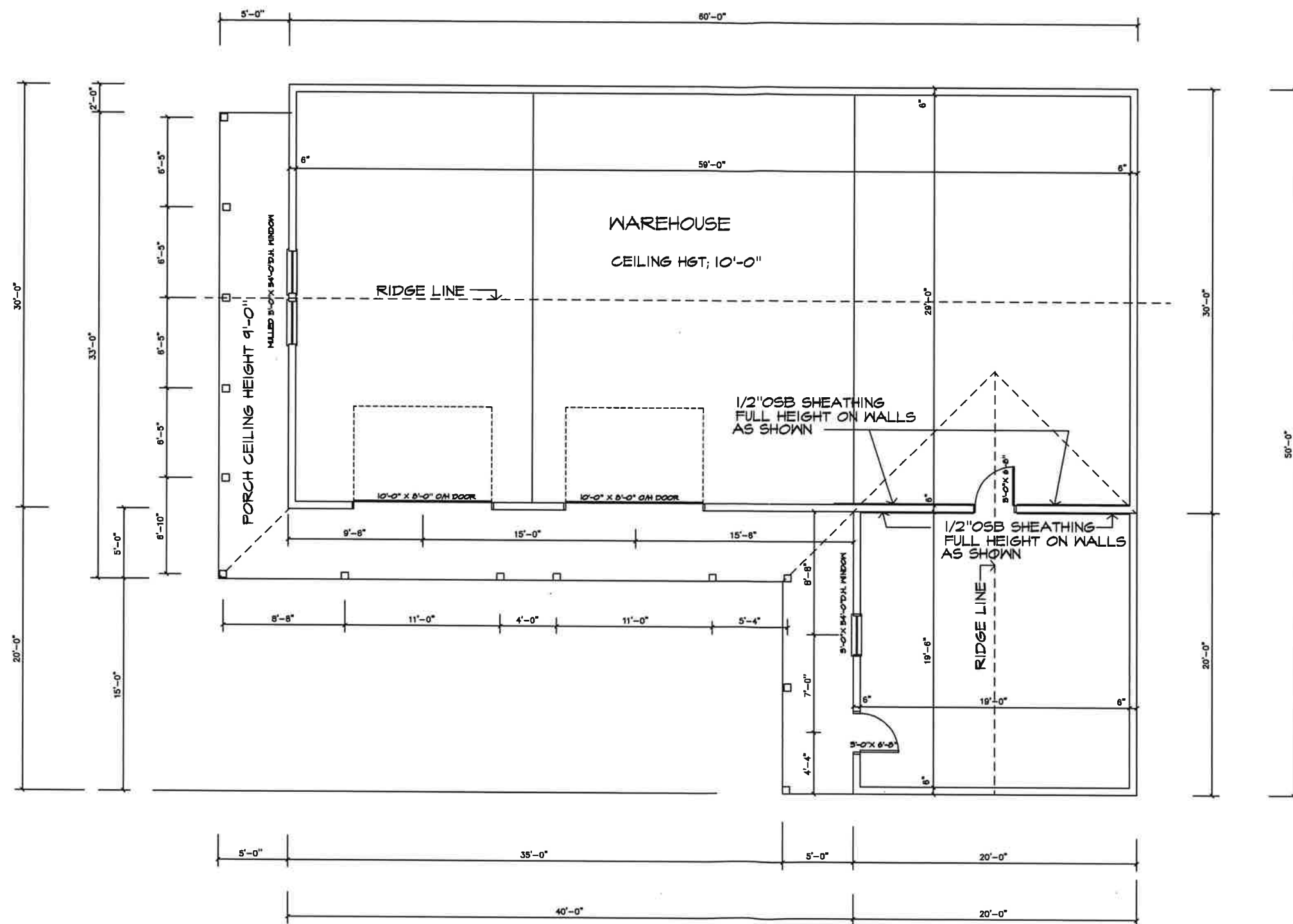
ELEVATIONS
 FEB 7, 2023

NOTE; CONTRACTOR IS TO VERIFY ALL BEAM LOCATIONS, LOLLY COLUMN LOCATIONS, AND ALL DIMENSIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. DO NOT SCALE DRAWING

NOTE;
CONTRACTOR IS TO SUPPLY SHOP DRAWINGS FOR ALL FLOOR JOIST, BEAMS, OPEN WEB WOOD FLOOR JOIST AND ALL ROOF TRUSSES.
ALL SHOP DRAWINGS SHALL BE SIGNED BY A LICENSED STRUCTURAL ENGINEER.

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NOTE; ALL HEADERS SHALL BE 2-2"X10" UNLESS NOTED.



FIRST FLOOR PLAN

NOTE;
ALL SELECTIONS OF MATERIAL, FLOORING CABINETS, SIDING, ROOFING AND WINDOWS ARE BY OWNER.

CONSTRUCTION CODE ANALYSIS	
USE GROUP	C-1
CONSTRUCTION TYPE	V-B
NUMBER OF STORES	1
HEIGHT	21'-0"
TOTAL BUILDING AREA	2200 sq ft
VOLUME OF NEW STRUCTURE	19,800 cu ft

WILLIAM STUBBS STUDIO
ARCHITECTURAL DESIGN

ST. FRANCIS DE SALES CHURCH
514 CAMDEN AVE. SAUSBURY, MD

FLOOR PLANS
FEB 7, 2023

Street™



MainStreet™



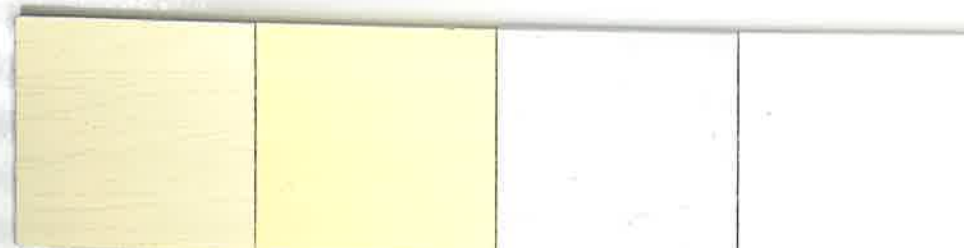
Autumn Red (Deluxe Color) **Sable Brown** (Deluxe Color) **Hearthstone** (Deluxe Color) **Spruce** (Deluxe Color) **Forest** (Deluxe Color) **Pacific Blue** (Deluxe Color) **Wedgewood Blue**



Flagstone (Deluxe Color) **Charcoal Gray** (Deluxe Color) **Castle Stone** **Granite Gray** **Sterling Gray** **Oxford Blue** **Seagrass**



Cypress **Herringbone** **Sandstone Beige** **Desert Tan** **Weathered Wood** **Natural Clay** **Savannah Wicker**



Heritage Cream **Autumn Yellow** **Snow** **Colonial White**

Triple 3" Brushed Clapboard available in: Colonial White, Desert Tan, Heritage Cream, Light Maple, Natural Clay, Oxford Blue, Sandstone Beige, Savannah Wicker, Snow and Sterling Gray.

Single 6-1/2" Brushed Beaded available in: Colonial White, Cypress, Desert Tan, Granite Gray, Natural Clay, Sandstone Beige, Savannah Wicker and Sterling Gray.

Single 8" Woodgrain Clapboard available in Colonial White only.

All other Profiles available in all colors.

Street siding offers consistent quality, looks and is the ideal choice for homeowners who value the benefits of a premium panel.



es.
in
arance.
technology and
formed lock design.
tallation System
ng performance.

- ◆ A wide variety of low-gloss colors.
- ◆ .042" thickness.
- ◆ Virtually maintenance free, never needs painting.
- ◆ Class 1(A) fire rating.
- ◆ Lifetime limited warranty.

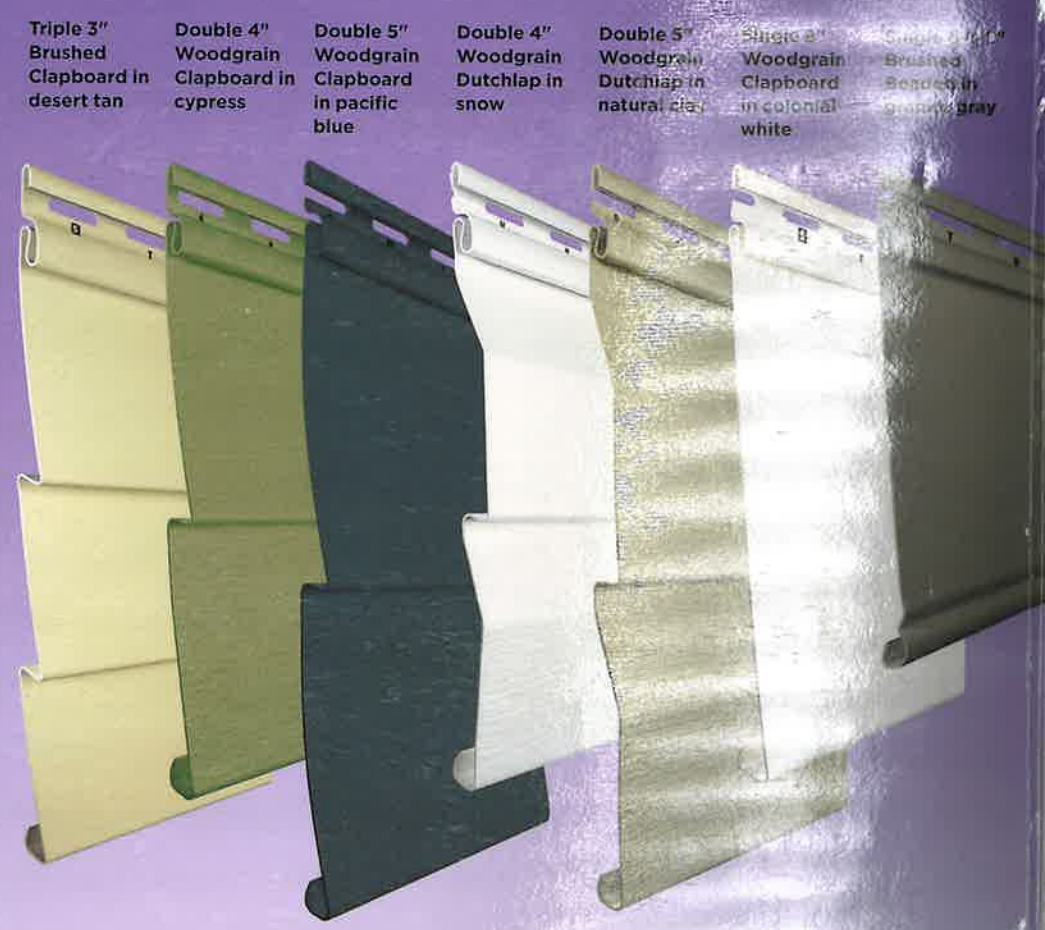
Technology

over nail hem)
ng for a
appearance
to withstand
to 170 mph.

for capable wind speed
pressure ratings. For the
certainteed.com.



the angular
locking leg
creates a
positive, snap-fit
installation,
allowing for
necessary
expansion and
contraction.



Salisbury Historic District Commission

STAFF FINDINGS

Meeting of July 26, 2023

Case Number:	#23-17
Commission Considering:	New Construction
Owner Name:	St Frances De Sales
Owners Address:	514 Camden Ave Salisbury, MD 21801
Applicant Name:	Chris Mills
Applicant's Address:	8467 Rum Ridge Road Delmar, MD 21875
Agent/Contractor:	C.E Mills General Contractor
Subject Property Address:	411 Wicomico St
Historic District:	Camden Historic District
Use Category:	Commercial
Zoning Classification:	R – 10
Structure / Site Description:	
Built Date:	1920
Enclosed Area:	1,716 sq. ft.
Lot Size:	36,483 sq. ft.
Number of Stories:	2
Contributing Structure:	TBD

Wicomico County Historic Survey on file: Yes

Nearby Properties on County Survey: Yes

Including but not limited to:

601 Camden Ave. – George C Hill House
513 Camden Ave.- R Frank Williams- Leatherbury House

Explanation of Request: The applicant is seeking approval to construct a new 2,200 square foot grounds building on Parcel 1506. Also, they would like to demolish and reconstruct a new 20 x 20 shed.

Areas of Historic Guidelines to be considered:

Guideline 36: New Construction

Building form is an important component of the streetscape, the largest element within the streetscape, and tends to command our attention most strongly. “Form” refers to the shape and massing of a building. Historic downtown commercial buildings, for example, often have a form that is boxy (rectangular), tall in proportion, and long or deep.

In planning new construction in downtown Salisbury, building form and streetscape elements should be carefully considered. Streetscape elements can reinforce the area’s attractiveness and make it a desirable place to live or do business. Elements within the Downtown Historic District include a regular setback of building facades, which provides an unbroken view along the street and close placement of buildings.

- a. New structures should be similar in form, scale and height to the surrounding structures.
- b. New structures should be placed on existing vacant lots whenever possible, and should match the setback of surrounding structures. The vast majority of properties in the Downtown Historic District have little to no setback: the front of the building is positioned at the edge of the sidewalk.
- c. Parking lots or parking structures should be placed at the rear of the lot whenever possible. Ideally, access to them should be from a side street to lessen the number of curb cuts along main streets.
- d. New buildings should be compatible with adjacent structures in terms of massing, proportion, size, and scale.
- e. New buildings should be oriented to face the street rather than turned inward, skewed or oriented at angles to the existing street grid.
- f. Services such as delivery or trash removal should be handled from alleys that pass through the middle of the block or otherwise located on a non-visible elevation.
- g. Blank or windowless walls on the front façade or street side are not appropriate.

Guideline 65: New Construction

- a. The new garage shall be compatible with the primary building in terms of scale, massing, and style.

b. Pre-fabricated, non-permanent sheds are permitted in the rear of the property. They should be small in scale and congruous with the style of the primary building.

Evaluation Criteria:

Pursuant to Section 17.52.040 A & B of the Salisbury Zoning Code, it is the duty of the Historic District Commission to review all applications to construct, alter, reconstruct, move or demolish any structure within a Historic District whenever the exterior appearance of such structure is affected, and to approve or reject said application. In reviewing an application and plans, the Commission should give consideration to review criteria, and may make a determination as to which of said Criteria are applicable.

Staff Findings Prepared By: Jessica Budd
Infrastructure and Development
125 N Division Street, Suite 202
Salisbury, MD 21801
(410) 548-3170
Date: July 17, 2023

WI-552

Camden Historic District (a.k.a. Newton)

Architectural Survey File

This is the architectural survey file for this MIHP record. The survey file is organized reverse-chronological (that is, with the latest material on top). It contains all MIHP inventory forms, National Register nomination forms, determinations of eligibility (DOE) forms, and accompanying documentation such as photographs and maps.

Users should be aware that additional undigitized material about this property may be found in on-site architectural reports, copies of HABS/HAER or other documentation, drawings, and the “vertical files” at the MHT Library in Crownsville. The vertical files may include newspaper clippings, field notes, draft versions of forms and architectural reports, photographs, maps, and drawings. Researchers who need a thorough understanding of this property should plan to visit the MHT Library as part of their research project; look at the MHT web site (mht.maryland.gov) for details about how to make an appointment.

All material is property of the Maryland Historical Trust.

Last Updated: 08-29-2003

**MARYLAND HISTORICAL TRUST
NR-ELIGIBILITY REVIEW FORM**

NR Eligible: yes
no

Property Name: Camden Historic District (aka Newton) Inventory Number: WI-552

Address: _____ City: Salisbury Zip Code: _____

County: Wicomico USGS Topographic Map: Salisbury Quad

Owner: _____

Tax Parcel Number: _____ Tax Map Number: _____ Tax Account ID Number: _____

Project: _____ Agency: _____

Site visit by MHT Staff: no yes Name: Andrew Lewis/Michael Day Date: 03/23/01

Eligibility recommended Eligibility not recommended

Criteria: A B C D Considerations: A B C D E F G None

Is the property located within a historic district? no yes Name of district: _____

Is district listed? no yes Determined eligible? no yes District Inventory Number: WI-552

Documentation on the property/district is presented in:

Description of Property and Eligibility Determination: *(Use continuation sheet if necessary and attach map and photo)*

The Camden Historic District (aka the Newton-Camden Historic District) is a local historic district composed of homes of a wide variety of architectural styles. According to information contained in the Wicomico survey files, the district was determined eligible by "Lukenbach & Andreve" on April 17, 1986, but no copy of the DOE form could be found. Nevertheless, the district contains numerous homes with a great deal of integrity and the earlier determination of eligibility still appears valid. Architectural styles represented within the district include Colonial Revival, Queen Anne and other Victorian styles. The City of Salisbury specifically identifies some of the homes in the area to be of "great historical value to the community". These homes include "the Humphrey House, Red Gables and the house known as "Cricket Box"". The City Ordinance establishing the district also included the following findings:

- Camden Avenue was once the main highway connecting Salisbury with Princess Anne to the south crossing the 18th Century Mill Dam at Tony Tank and Allen. It continued through the heart of Salisbury running northward to the Delaware towns.
- The Camden area was the location of the first known sanitary sewer installed in 1887 to serve the L.W. Gunby and William P. Jackson homes on Camden Avenue.
- After the fire of 1886, City Board of Commissioners established a series of ordinances which included maintaining sidewalks in front of properties and establishing the rights of way of various streets. Among the first streets subject to improvement of widening and straightening in 1887 under this law was Camden Street, now Camden Avenue.

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended <input checked="" type="checkbox"/>	Eligibility not recommended <input type="checkbox"/>
Criteria: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input checked="" type="checkbox"/> C <input type="checkbox"/> D	Considerations: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D <input type="checkbox"/> E <input type="checkbox"/> F <input type="checkbox"/> G <input type="checkbox"/> None
Comments: _____	
<u>Andrew Lewis</u> Reviewer, Office of Preservation Services	<u>05/02/01</u> Date
<u>[Signature]</u> Reviewer, DR program	<u>5/2/07</u> Date

mg

**MARYLAND HISTORICAL TRUST
NR-ELIBILITY REVIEW FORM**

Camden Historic District (WI-552)
Continuation Sheet No. 1

- The town's first development laws were enacted in 1892 and involved the Camden area. Only structures of brick, stone or iron with slate roofs or other non-combustible materials were permitted.
- Salisbury's first row homes were constructed in the area now known as Camden Court.
- The first planned residential development in Salisbury was centered around what is now North, South and Middle Boulevards in 1908.
- The 1909, L. W. Gunby, a resident of Camden, and Salisbury Auto Company opened the first automotive sales and service facility on Camden Avenue.
- In 1910, Frank W. Baysinger provided the City of Salisbury with its first taxi service from his garage on Camden Avenue.
- In 1890, the Jackson family constructed one of the most elegant homes built in the Camden area. This stylish example of architecture was beyond the scope of anything previously built in the City. Due to lack of regulations protecting such an architectural legacy, the home was demolished.
- The Newton Jackson home on the corner of Camden and Newton Street remains as a historic reminder of the City's past.
- The Gunby home at 507 Camden Avenue, built about 1830 and renovated in the 1880's, was the home of the founder of the William B. Tilghman Fertilizer Company.
- The Humphreys house located at 722 Camden Avenue was originally constructed between 1904 and 1906 and was once owned by Jesse D. Price, former member of the Maryland State Senate, who also served in the U.S. House of Representatives.
- The late Lee Johnson, a master mason and contractor, built one of the earliest examples of the innovative "Bungalow" Style of house located next to the Lutheran Church at South Boulevard. This example of a fine house was torn down because of a lack of control over the demolition of buildings in the area.
- On the northeast corner of Newton and Camden, a residence now used as an office by an accountant has been declared one of the oldest residences in Salisbury and shown on 1877 maps.
- The applicants have provided detailed documentation on the preliminary classification of ten historic structures in the area including such homes as "Red Gables" and "Humphreys House" to name only two.

Prepared by: Andrew Lewis

Date Prepared: 05/02/01



**MARYLAND HISTORICAL TRUST
NR-ELIGIBILITY REVIEW FORM**

NR Eligible: yes X
no

Property Name: Camden Historic District (aka Ne Inventory Number: WI-552

Address: _____ City: Salisbury Zip Code: _____

County: Wicomico USGS Topographic Map: Salisbury

Owner: _____

Tax Parcel #: _____ Tax parcel Map Number: _____ Tax Account ID Number: _____

Project: _____ Agency: _____

Site visit by MHT staff X no _____ yes Name: Andrew Lewis/ Date: 03/23/2001

Eligibility recommended X Eligibility not recommended _____

Criteria: X A B X C D Considerations: A B C D E F G None

Is the property located within a historic district? no yes Name of District: _____

Is district listed? no yes District Inventory Number: _____

Documentation on the property/district is presented in:

Description of Property and Eligibility Determination: *(Use continuation sheet if necessary and attach map and photo)*

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Prepared by: C. Andrew Lewis Date Prepared: 05/02/2001

MARYLAND HISTORICAL TRUST REVIEW	
Eligibility recommended <u>X</u>	Eligibility not recommended _____
Criteria <u>X</u> A <u> </u> B <u>X</u> C <u> </u> D	Considerations <u> </u> A <u> </u> B <u> </u> C <u> </u> D <u> </u> E <u> </u> F <u> </u> G <u> </u> None
MHT Comments:	
<u>C. Andrew Lewis</u>	<u>May 02, 2001</u>
Reviewer, Office of Preservation Services	Date
<u>Peter Kurtze</u>	<u>May 02, 2001</u>
Reviewer, NR Program	Date

NR-ELIGIBILITY REVIEW FORM

-Camden Historic District (aka Newton)

Page 2

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Prepared by: C. Andrew Lewis Date Prepared: 05/02/2001

<u>MARYLAND HISTORICAL TRUST REVIEW</u>															
Eligibility recommended <u> X </u>				Eligibility not recommended <u> </u>											
Criteria	<u> X </u>	A	<u> B </u>	<u> X </u>	C	D	Considerations	<u> A </u>	<u> B </u>	<u> C </u>	<u> D </u>	<u> E </u>	<u> F </u>	<u> G </u>	None
MHT Comments:															
<u>C. Andrew Lewis</u>								<u>May 02, 2001</u>							
Reviewer, Office of Preservation Services								Date							
<u>Peter Kurtze</u>								<u>May 02, 2001</u>							
Reviewer, NR Program								Date							

Camden Historic District (aka Newton)

Page 3

12 The Humphreys house located at 722 Camden Avenue was originally constructed between 1904 and 1906 and was once owned by Jesse D. Price, former member of the Maryland State Senate, who also served in the U.S. House of Representatives.

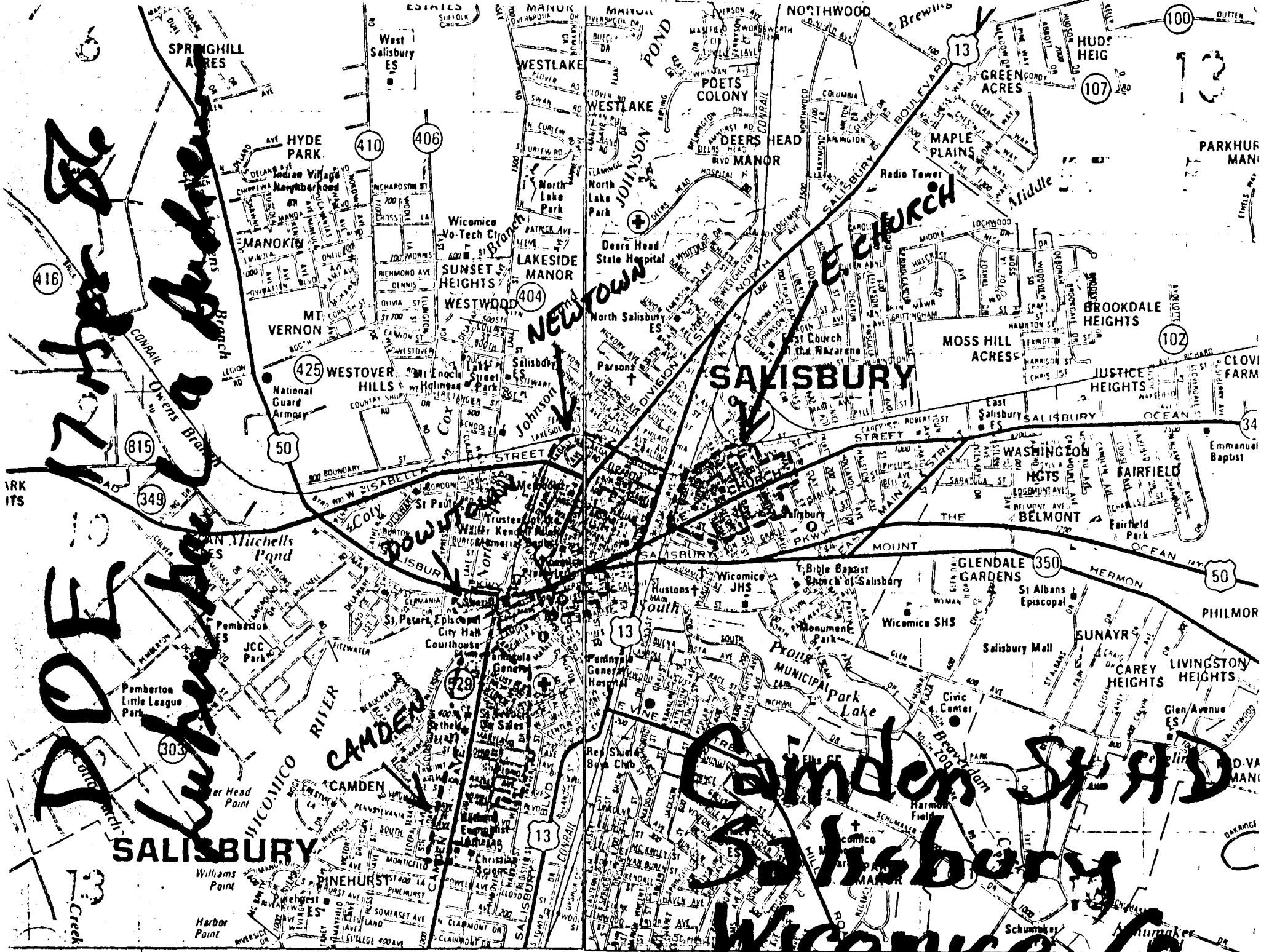
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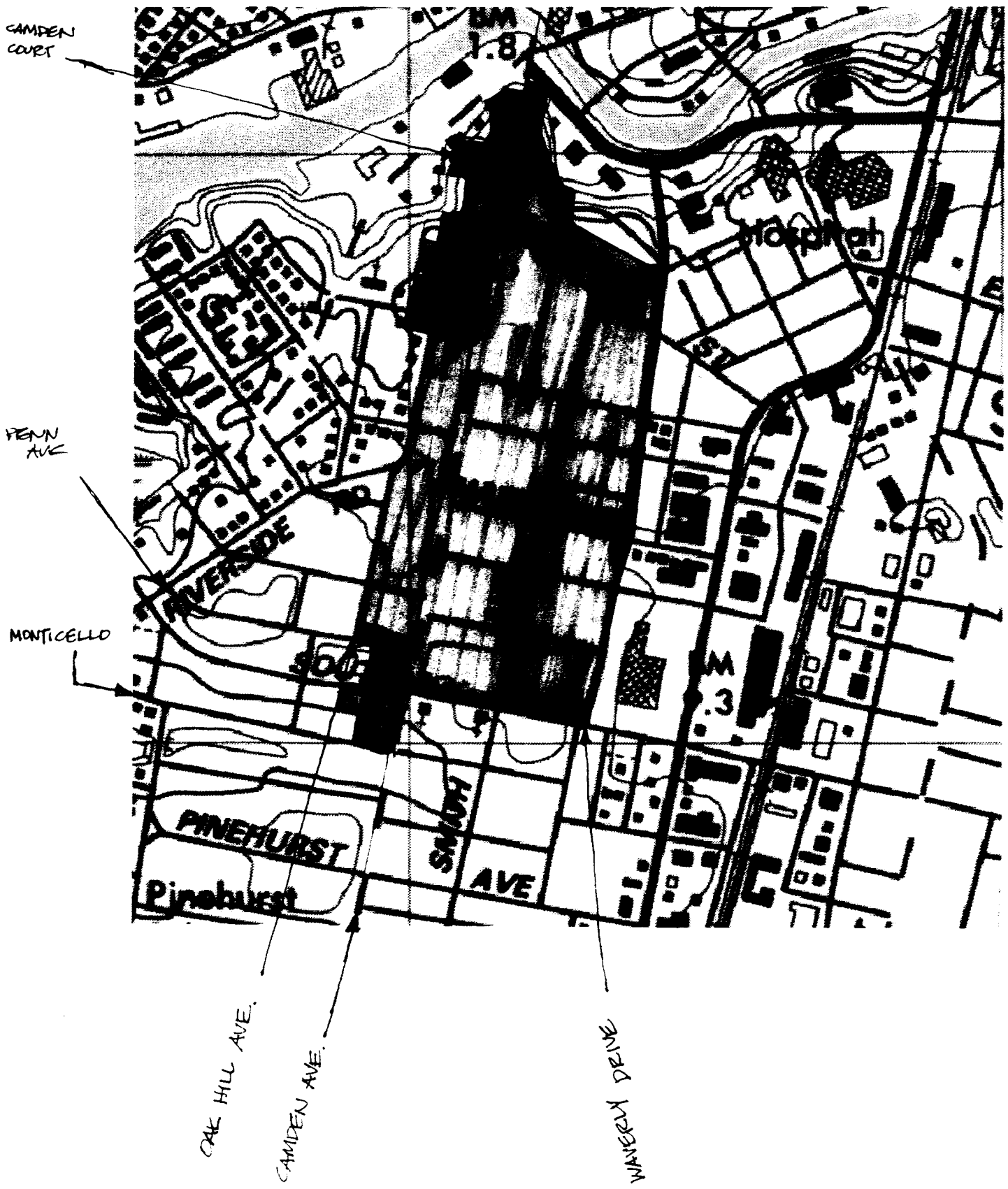
15 The applicants have provided detailed documentation on the preliminary classification of ten historic structures in the area including such homes as "Red Gables" and "Humphreys House" to name only two.

WI-552

Camden Historic District
Salisbury, Md.



CAMDEN HISTORIC DISTRICT (AKA NEWTON)
SALISBURY, WICCOMICO COUNTY, MD
WI. - 552



Salisbury Historic District Commission

Hearing Notification

Hearing Date: July 26, 2023

Time: 7:00 pm

Location: Government Office Building
125 N. Division Street
Salisbury, MD. 21804
Room 301

Case Number: #23-18

Commission Considering: Alterations

Owner's Name: REPC LLC

Applicant Name: Robert Cannon

Agent/Contractor: Not Indicated

Subject Property Address: 226 Newton St.

Historic District: Camden Historic District

Use Category: Residential

Chairman: Mr. Scott Saxman

HDC Staff contact: Jessica Budd
Associate Planner I
(410) 548-3170

Salisbury Historic District Commission

125 N. Division Street
Room 202
Salisbury, MD 21801
(410) 548-3170/ fax (410) 548-3107

Permit Application
\$50 Fee Received 7/7/23 (date)

Date Submitted: 7/7/23

Date Accepted as Complete: 7/7/23

Subject Location: 226 NEWTON STREET

Application by: ROBERT CANNON

Applicant Address: 106 CIRCLE AVE, SALISBURY MD 21801

Applicant Phone: 410-749-5179

Case #: # 23-18
Action Required By (45 days): 8/20/23

Owner Name: REPC and HTC LLC
Owner Address: c/o ROBERT CANNON, 106 CIRCLE AVE
Owner Phone: 410-749-5179
Owner Email: CANNONCRM@COMCAST.NET

Work Involves: Alterations New Construction Addition Other
 Demolition Sign Awning Estimated Cost 200,000

DESCRIPTION OF WORK PROPOSED (Please be specific. Attach sheet if space is inadequate) Type of material, color, dimensions, etc. must accompany application. If signs are proposed, indicate material, method of attachment, position on building, size and front lineal feet of building, size and position of all other signs on building, and a layout of the sign.

SEE ATTACHED

Are there any easements or deed restrictions for the exterior of this property? If yes, submit a letter from the easement holder stating their approval of the proposed work. Yes No

Do you intend to apply for Federal or State Rehabilitation Tax Credits? If yes, have you contacted Maryland Historical Trust staff? Yes No

If you have checked "Yes" to either of the above questions, please provide a copy of your approval letter from the Maryland Historic Trust along with this application.

See Reverse Side for DOCUMENTS REQUIRED TO BE FILED WITH APPLICATION

All required documents must be submitted to the City Planner, Department of Infrastructure and Development at least 30 days prior to the next public meeting. Failure to include all the required attachments and/or failure of the applicant or his/her authorized representative to appear at the scheduled meeting may result in postponement of the application until the next regular scheduled meeting. If an application is denied, the same application cannot be resubmitted for one year from date of such action. Please be advised that members of the Salisbury Historic District Commission or staff, may visit the subject property prior to the scheduled meeting date to familiarize themselves with the project.

The Salisbury Historic District Commission Rules and Regulations and Design Guidelines are available for review in the office of the Department of Infrastructure and Development for the City of Salisbury as well as on the City's website: www.ci.salisbury.md.us.

I, or my authorized representative, will appear at the meeting of the Salisbury Historic District Commission on 7/26/23 (date).

I hereby certify that the owner of the subject premises has been fully informed of the alterations herein proposed and that said owner is in full agreement with this proposal.

Applicant's Signature [Signature]

Date 6-27-23

[Signature] 7/7/23
Application Processor (Date)

Brian Soper 7/18/23
Secretary, S.H.D.C. (Date)

226 Newton Street

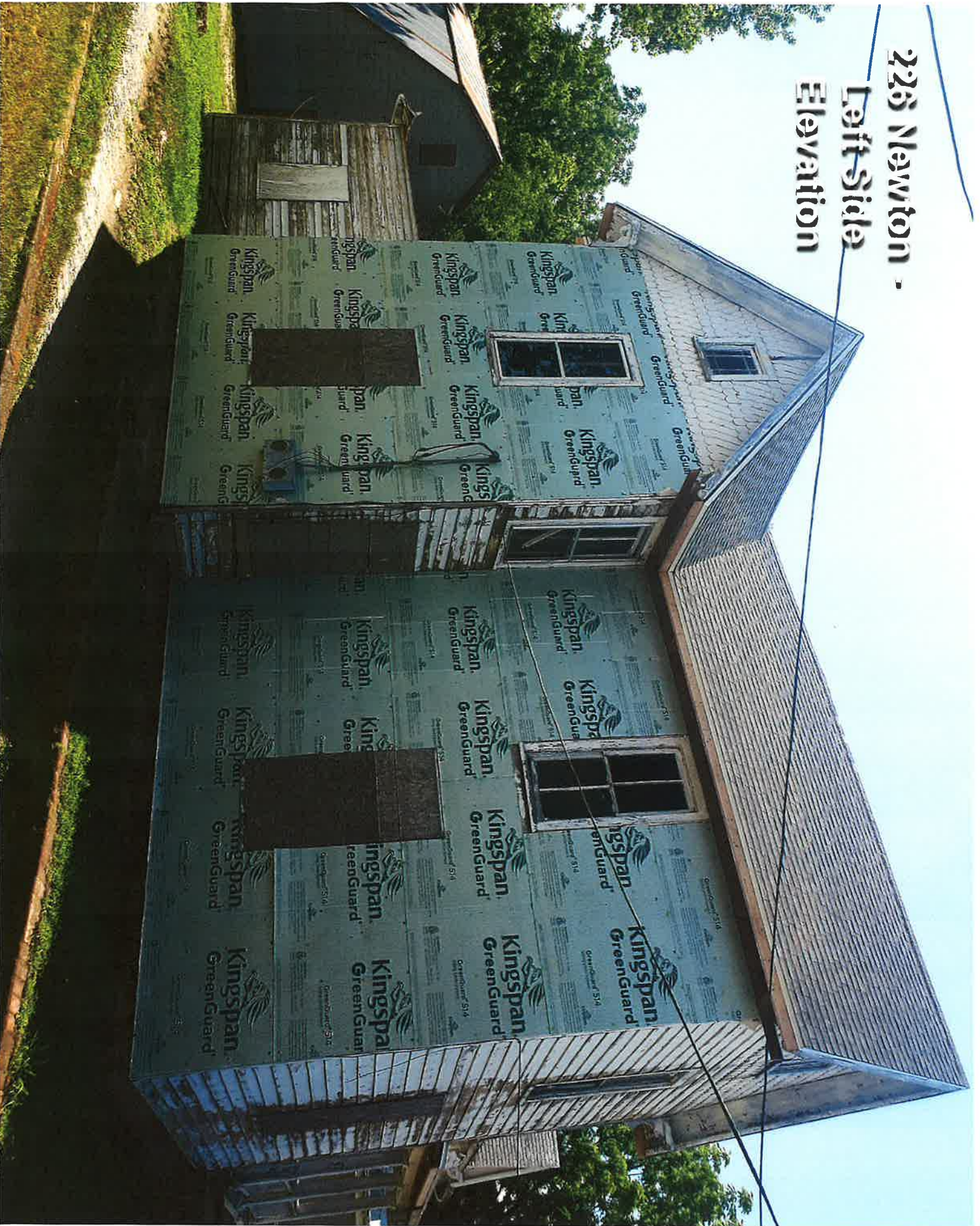
Proposed renovation plans:

1. Install vinyl siding on the exterior of the house to match as close as possible the old clapboard and clamshell siding that is presently underneath the asbestos shingles;
2. Replace the windows with vinyl replacement windows with similar grills. It should be noted that some of the current windows are very large and dangerous in that the bottoms of the windows are only 19 inches above the floor. We intend to replace them with windows that meet the current code compliant size and height requirements;
3. Wrap the exterior widow trim and boxing in metal;
4. Replace roofs with architectural asphalt shingles;
5. Install gable vents for proper ventilation of the attic in place of the gable windows;
6. Rebuild two-thirds of the kitchen at the rear of the house (the roof of which has collapsed) to similar dimensions;
7. Install a code-compliant exit stairway at the rear of the house for a second required exit for the current second floor unit;
8. Install new exterior metal doors; and
9. Install a new front porch deck with similar tongue and groove vinyl decking boards and replace the posts and bannisters with similar size and shape plastic or vinyl.

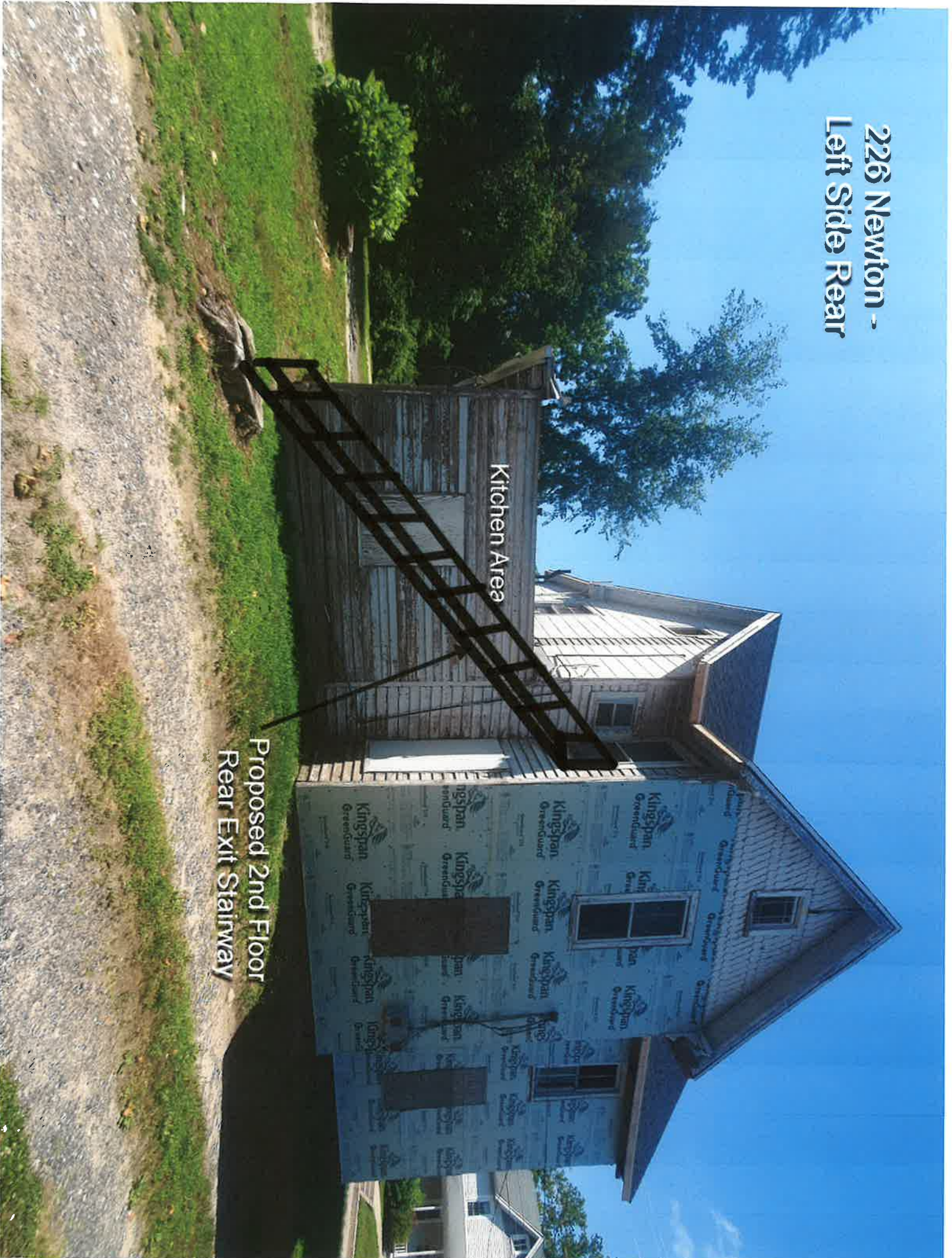
226. Newton -
Front Elevation



225 Newton - Left Side Elevation



**2226 Newton -
Left Side Rear**



Kitchen Area

**Proposed 2nd Floor
Rear Exit Stairway**

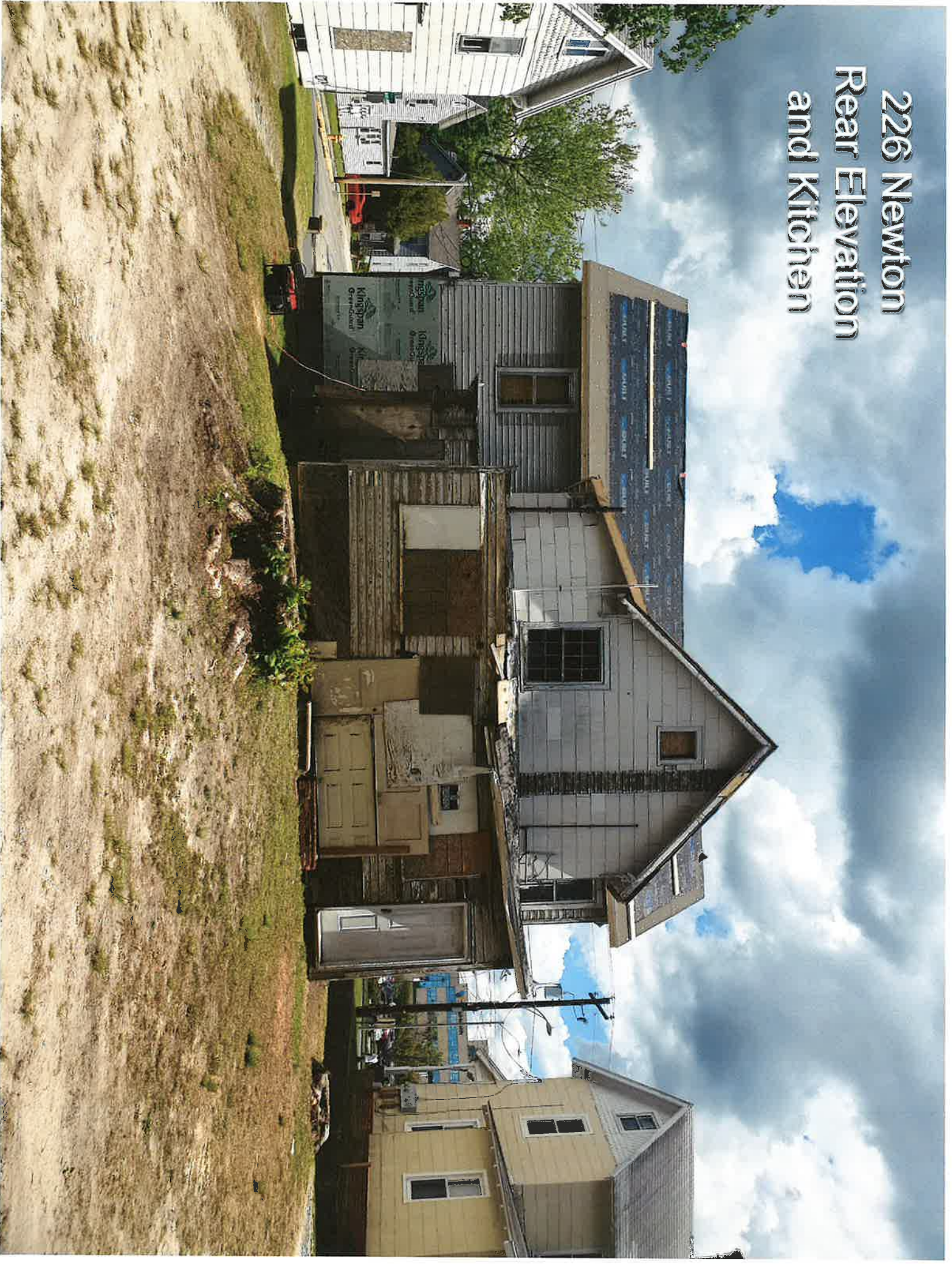
226 Newton - Right
Side Elevation



226 Newton -
Right Side Rear



2226 Newton Rear Elevation and Kitchen



226 Newton Rear Elevation and Kitchen



Kitchen Area To
Be Removed

Kitchen Area to Remain

226 Newton -
Front Porch

NO
SPACING

226



**House to Left of
225 Newton**



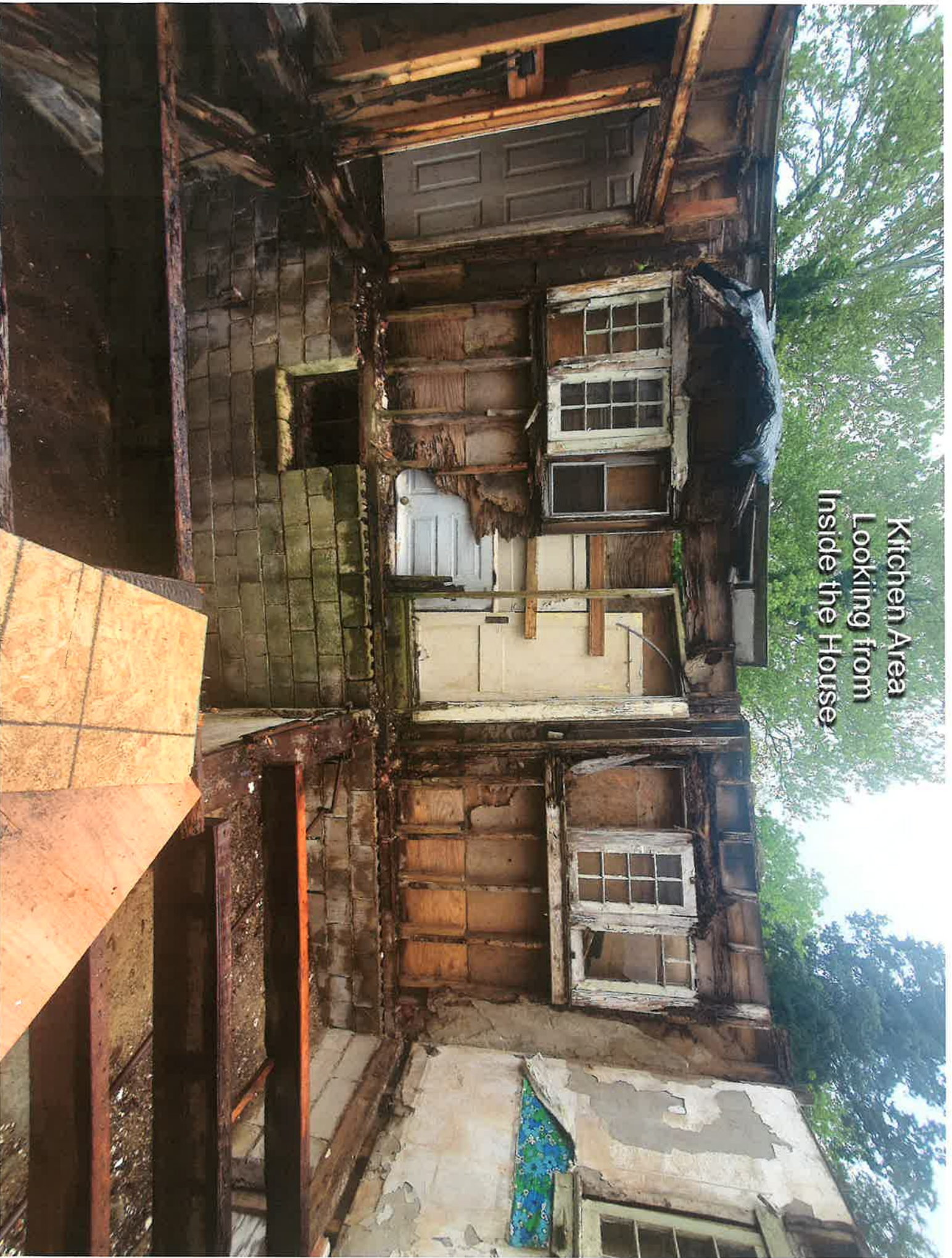
House to Right of 226 Newton



**House Across from
226 Newton**



Kitchen Area
Looking from
Inside the House





Kitchen Area
to be Renovated

Kitchen Area
to be Removed

Window Sills Only
19" From Floor



226 Newton -
Existing
Windows Size

Viwinco Dealer Quote

BEACON BUILDING PRODUCTS
505 MARVEL RD
SALISBURY, MD 21801

Quote Number:
00315013
Job Name:
Will Chavez
Quote Date: May 9, 2022

Sold To: 50158620

Ship To:

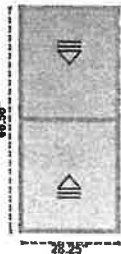
505 Marvel Road
Salisbury, MD 21801

505 Marvel Road
Salisbury, MD 21801

Line #	Qty Ordered	Order Specifications
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0001 6 S-Series Double Hung

Viewed from Exterior



APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
MEASURE CODE: ROUGH OPENING
WIDTH: 28.7500
HEIGHT: 67.0000
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

Performance: SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
DP Value: 50
Florida Approval: 17528.1

Date Printed: 5/16/2023 02:06 PM

Created By: davidm@roofcenter.com

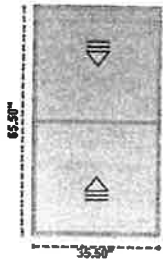
Page 1 of 4

00315013

Line #	Qty Ordered	Order Specifications
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0002 4 S-Series Double Hung

Viewed from Exterior



APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
MEASURE CODE: ROUGH OPENING
WIDTH: 36.0000
HEIGHT: 66.0000
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW MEETS EGRESS, EGRESS HARDWARE IS INSTALLED

Performance: SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
DP Value: 50
Florida Approval: 17528.1

0003 6 S-Series Double Hung

Viewed from Exterior



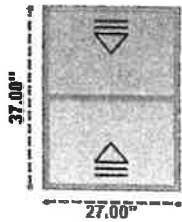
APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
MEASURE CODE: ROUGH OPENING
WIDTH: 28.7500
HEIGHT: 56.7500
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

Performance: SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
DP Value: 50
Florida Approval: 17528.1

Line #	Qty Ordered	Order Specifications
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0004 1 S-Series Double Hung

Viewed from Exterior

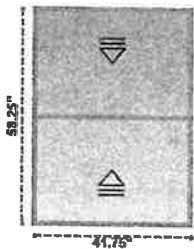


APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
MEASURE CODE: ROUGH OPENING
WIDTH: 27.5000
HEIGHT: 37.5000
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

Performance: SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
DP Value: 50
Florida Approval: 17528.1

0005 1 S-Series Double Hung

Viewed from Exterior

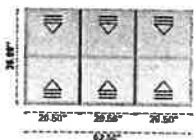


APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
MEASURE CODE: ROUGH OPENING
WIDTH: 42.2500
HEIGHT: 58.7500
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: DOUBLE LOCKS / THIS WINDOW MEETS EGRESS, EGRESS HARDWARE IS INSTALLED

Performance: SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
DP Value: 50
Florida Approval: 17528.1

0006 1 S-Series Muller Units 3U-1R3C

Viewed from Exterior
 Mullion Width = 0.50"



CONFIG: 3U-1R3C
APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
MEASURE CODE: ROUGH OPENING
OVERALL WIDTH: 63.0000
OVERALL HEIGHT: 36.5000
CUSTOM SIZES: NO
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE

UNIT 01: S-Series Double Hung

WIDTH: 20.5000
HEIGHT: 36.0000

Date Printed: 5/16/2023 02:06 PM

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Page 3 of 4

00315013

Line #	Qty Ordered	Order Specifications
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LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

UNIT 02: S-Series Double Hung

WIDTH: 20.5000
HEIGHT: 36.0000
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

UNIT 03: S-Series Double Hung

WIDTH: 20.5000
HEIGHT: 36.0000
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

Performance (All Units): SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001

DP Value: 50

Florida Approval (All Units): 17528.1

Date Printed: 5/16/2023 02:06 PM

Created By: davidm@roofcenter.com

Page 4 of 4

QUOTE DISCLAIMER

We ask that you thoroughly review the quote for accuracy, before ordering the product. By responding to this email, or signing the quote, you authorize us to order the product/special order product and you agree all quantities, sizes, and specifications are correct.

No changes or cancellations can occur once special order items have been submitted to the manufacturer.

THIS ESTIMATE IS VALID FOR 30 DAYS. SPECIAL ORDER ITEMS CANNOT BE RETURNED.

Customer Signature: _____ **Date:** _____

Salisbury Historic District Commission

STAFF FINDINGS

Meeting of July 26, 2023

Case Number:	#23-18
Commission Considering:	Alterations
Owner Name:	REPC LLC
Owners Address:	106 Circle Ave Salisbury, MD 21801
Applicant Name:	Robert Cannon
Applicant's Address:	106 Circle Ave Salisbury, MD 21801
Agent/Contractor:	TBD
Subject Property Address:	226 Newton St
Historic District:	Camden Historic District
Use Category:	Residential
Zoning Classification:	R – 8
Structure / Site Description:	
Built Date:	1915
Enclosed Area:	2,370 sq. ft.
Lot Size:	9,000 sq. ft.
Number of Stories:	2
Contributing Structure:	TBD

Wicomico County Historic Survey on file: No

Nearby Properties on County Survey: Yes

Including but not limited to:

232 Newton St- William Mitchell House

Explanation of Request: The applicant is seeking approval to repair the following:

- Install Vinyl Siding
- Replace windows with vinyl, and wrap window trim
- Replace the roof with architectural asphalt shingles
- Install gable vents for proper ventilation of the attic in place of gable windows
- Rebuild two-thirds of the kitchen at the rear of the house to similar dimensions
- Install an exit stairwell in rear for second floor unit
- Install new exterior metal doors
- Install new front porch deck. With similar tongue and groove vinyl decking boards and replace post and banisters with similar size and shape plastic or vinyl

Areas of Historic Guidelines to be considered:

Guideline 13: Match Existing or Historic Siding

- a. Where full-scale siding replacement is necessary, match the historic or existing siding on the building. Keep the details (width of wood boards, shingle size, corner and seam details, etc.) consistent with the historic appearance.
- b. When replacing non-historic siding that was inappropriately applied, chose an appropriate replacement that is consistent with buildings of the type, period, and architectural style.
- c. Do not cover historically uncovered masonry surfaces with siding. Siding applied to masonry surfaces has the potential to hold moisture and cause damage to the underlying wall.

Guideline 14: Synthetic Siding

Synthetic siding describes a siding product not made from natural materials. Vinyl, asphalt, and fiber cement board are the most commonly found synthetic siding types.

- a. The use of new synthetic siding may be approved on a case by case basis if one or more of the following conditions are met.
- b. Historic decorative details should not be removed or covered by synthetic siding. These details include but are not limited to cornices, window hoods, moldings, eaves, decorative shingles, and trim.
- c. Synthetic siding may not be applied over historically uncovered masonry walls.

Guideline 17: Retain Historic Windows

- a. Maintain or restore the historic shape, size, alignment, pattern, and details of existing historic windows, particularly those in upper stories of commercial properties. (For guidelines on

storefront windows, see the Storefronts [Guidelines](#) in the following section).

- b. Do not infill window openings or cover existing historic windows.
- c. Consider reopening windows that are presently blocked, if your budget allows.

Guideline 18: New Window Openings and Infill

Altering window openings in historic facades alters the building's historic appearance significantly, and is typically not appropriate, but may be considered in some situations.

- a. Avoid placing new openings on the front facade.
- b. If new openings are required for additional light, consider placing them on the rear or side elevations of the building or installing a skylight on a non-visible roof slope.
- c. Avoid infilling existing window openings on the front facade.
- d. Where recent changes have altered historic window openings, restoration of the historic configuration and materials is encouraged.

Guideline 24: Roofing Material

In-kind replacement of roofing materials is always preferable to replacement with a new material, however, this is not always feasible. Standing seam metal in copper, tin, or terne coated steel are traditional materials which can be replaced with new versions provided that they are flat and of a uniform color and texture. Asphalt, asphalt shingles, and mineral fiber slate may be appropriate substitutes for many traditional materials.

- a. Retain and repair the historic roof material when feasible.
- b. Where replacement is necessary, match the historic materials as closely as possible in terms of material, size, color, and pattern.
- c. Requests for substitute roofing materials will be reviewed on a case-by-case basis.
- d. When asphalt shingles are used to replace wood or slate, heavy weight architectural shingles which provide depth and variation, and which match the shape of the historic materials, are preferred.
- e. Roofing materials on additions should match or mimic the material on the main body of the historic building.
- f. Roofing materials on new construction should be consistent with the prevalent roofing material on surrounding buildings.
- g. Repair of isolated sections of a roof must match the existing tiles in material composition, style, size and color.

Guideline 28: Chimneys and Vents

- a. Maintain existing chimneys. When repairs are necessary, match the existing materials, colors, shape, brick pattern, and details as closely as possible.
- b. Avoid changing the height, massing, or scale of existing chimneys.
- c. New vents should be placed in a location which is not visible from the public right of way.
- d. New chimneys on new construction should be consistent with the height, massing, and proportions of chimneys found in the surrounding area.

Guideline 35: Additions

Although it is not impossible to add a story or more to historic buildings, it is normally more difficult to avoid adverse impact to the building's original design, character, and detailing.

- a. Consider the issue of structural strength and ability to carry another floor. This issue should be addressed by a qualified structural engineer.
- b. Whenever possible, an addition should be placed at the rear of the main building.
- c. Additions should be constructed in materials compatible with those used in the original building. This does not mean that the same materials have to be used.
- d. Frame additions can be added to brick and stucco buildings successfully.
- e. Additions should not duplicate the architecture and design of the main building but should pick up overall design “cues” from the main building, such as window proportions, overall massing and form, and type of ornamentation.
- f. Avoid changes that obscure, damage or destroy significant characteristic features of an existing building or historic district.
- g. New additions should be compatible with existing historic buildings in terms of scale, but should be visually different from the original to avoid creating a false historic appearance. Additions to historic structures should be identifiable as a new addition to an original building.
- h. New additions should be subordinate to the main building. This can be achieved by making the addition smaller in scale than the main building, or by keeping the roofline or parapet below that of the main building.

Guideline 53: Replacing Residential Doors

- a. Where replacement is necessary, the new door should match the historic door in placement, size, type, and configuration wherever possible.
- b. When restoring missing historic doors, use pictorial evidence to produce the replacements, if your budget allows. A salvaged replacement in the same style that fits the opening, or a new door in a complimentary style are also appropriate choices.
- c. If replacement with a new door is unavoidable, choose one that mimics the size, scale, design, and texture of an appropriate historic door. Proportions and details should be in keeping with the building’s architectural style.
- d. Maintain the historic door opening size and surrounding trim, including side lights and transoms. Do not alter the size of the opening to fit a smaller or larger door, unless required by code.

Guideline 54: Storm and Screen Doors

- a. Select a storm or screen door in a style typical of the period or style in which your building was constructed.
- b. Wood storm and screen doors are typically the most appropriate, however, metal doors with a baked enamel finish in an appropriate style may also be approved.
- c. The color should match the existing door sash or trim.

Guideline 55: Restore Historic Porch Features

- a. Maintain the historic porch or stoop when feasible. Keep wooden surfaces painted and keep up with general maintenance.
- b. If repair or rehabilitation is necessary, keep as much of the historic materials in place as possible. Maintain the porch’s design, proportion, and ornament to the greatest extent possible.
- c. Replace missing porch posts and railings where necessary. Match the size, shape, profile, proportion, and spacing to the original features.
- d. Use of synthetic replacement materials may be allowed if the new material closely approximates the size, scale, texture, and overall appearance of the historic feature.

Guideline 56: Replacement Porches

- a. If porch replacement is necessary in whole or in part, reconstruct it to match the historic porch in size, scale, and overall design. Where possible, detail and ornamentation should be replicated.
- b. Use the same or similar materials wherever feasible.
- c. Avoid applying decorative elements that are not appropriate to the style of the dwelling. Whenever possible, choose accurate details based on historic photographs or similar properties of the same period and style.

Evaluation Criteria:

Pursuant to Section 17.52.040 A & B of the Salisbury Zoning Code, it is the duty of the Historic District Commission to review all applications to construct, alter, reconstruct, move or demolish any structure within a Historic District whenever the exterior appearance of such structure is affected, and to approve or reject said application. In reviewing an application and plans, the Commission should give consideration to review criteria, and may make a determination as to which of said Criteria are applicable.

Staff Findings Prepared By: Jessica Budd
Infrastructure and Development
125 N Division Street, Suite 202
Salisbury, MD 21801
(410) 548-3170
Date: July 17, 2023

[View Map](#)[View GroundRent Redemption](#)[View GroundRent Registration](#)**Special Tax Recapture:** None**Account Identifier:** District - 13 Account Number - 019479**Owner Information**

Owner Name: REPC & HTC LLC **Use:** RESIDENTIAL
Principal Residence: NO
Mailing Address: C/O ROBERT P CANNON **Deed Reference:** /02532/ 00020
 106 W CIRCLE AVE
 SALISBURY MD 21801-4944

Location & Structure Information

Premises Address: 226 NEWTON ST **Legal Description:** 9,000 SQFT
 SALISBURY 21801-0000 226 NEWTON ST
 CITY OF SALIS

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0111	0011	0263	13030702.23	0000				2022	
									Plat Ref:

Town: SALISBURY

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
1915	2,370 SF		9,000 SF	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
2	NO	STANDARD UNIT	ASBESTOS SHINGLE/	1	2 full		

Value Information

	Base Value	Value	Phase-in Assessments	
		As of	As of	As of
		01/01/2022	07/01/2022	07/01/2023
Land:	9,000	8,600		
Improvements	7,500	300		
Total:	16,500	8,900	8,900	8,900
Preferential Land:	0	0		

Transfer Information

Seller: CANNON, ROBERT P & HILDA T	Date: 12/30/2005	Price: \$0
Type: NON-ARMS LENGTH OTHER	Deed1: /02532/ 00020	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:
Seller:	Date:	Price:
Type:	Deed1:	Deed2:

Exemption Information

Partial Exempt Assessments:	Class	07/01/2022	07/01/2023
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00 0.00	0.00 0.00

Special Tax Recapture: None**Homestead Application Information****Homestead Application Status:** No Application**Homeowners' Tax Credit Application Information****Homeowners' Tax Credit Application Status:** No Application**Date:**

Salisbury Historic District Commission

Hearing Notification

Hearing Date: July 26, 2023

Time: 7:00 pm

Location: Government Office Building
125 N. Division Street
Salisbury, MD. 21804
Room 301

Case Number: #23-19

Commission Considering: Alterations

Owner's Name: REPC LLC

Applicant Name: Robert Cannon

Agent/Contractor: Not Indicated

Subject Property Address: 228 Newton St.

Historic District: Camden Historic District

Use Category: Residential

Chairman: Mr. Scott Saxman

HDC Staff contact: Jessica Budd
Associate Planner I
(410) 548-3170

Salisbury Historic District Commission

125 N. Division Street
Room 202
Salisbury, MD 21801
(410) 548-3170/ fax (410) 548-3107

Permit Application
\$50 Fee Received 7/7/23 (date)

Date Submitted: 7/7/23

Date Accepted as Complete: 7/7/23

Subject Location: 228 NEWTON STREET

Application by: ROBERT CANNON

Applicant Address: 106 CIRCLE AVE, SALISBURY, MD 21801

Applicant Phone: 410-749-5179

Case #: # 23-19
Action Required By (45 days): 8/20/23

Owner Name: REPC LLC

Owner Address: 106 ROBERT CANNON, 106 CIRCLE AVE

Owner Phone: 410-749-5179

Owner Email: CANNON@COMCAST.NET

Work Involves: Alterations New Construction Addition Other Demolition Sign Awning Estimated Cost 200,000

DESCRIPTION OF WORK PROPOSED (Please be specific. Attach sheet if space is inadequate) Type of material, color, dimensions, etc. must accompany application. If signs are proposed, indicate material, method of attachment, position on building, size and front lineal feet of building, size and position of all other signs on building, and a layout of the sign.

SEE ATTACHED

Are there any easements or deed restrictions for the exterior of this property? If yes, submit a letter from the easement holder stating their approval of the proposed work. Yes No

Do you intend to apply for Federal or State Rehabilitation Tax Credits? If yes, have you contacted Maryland Historical Trust staff? Yes No

If you have checked "Yes" to either of the above questions, please provide a copy of your approval letter from the Maryland Historical Trust along with this application.

See Reverse Side for DOCUMENTS REQUIRED TO BE FILED WITH APPLICATION

All required documents must be submitted to the City Planner, Department of Infrastructure and Development at least 30 days prior to the next public meeting. Failure to include all the required attachments and/or failure of the applicant or his/her authorized representative to appear at the scheduled meeting may result in postponement of the application until the next regular scheduled meeting. If an application is denied, the same application cannot be resubmitted for one year from date of such action. Please be advised that members of the Salisbury Historic District Commission or staff, may visit the subject property prior to the scheduled meeting date to familiarize themselves with the project.

The Salisbury Historic District Commission Rules and Regulations and Design Guidelines are available for review in the office of the Department of Infrastructure and Development for the City of Salisbury as well as on the City's website: www.ci.salisbury.md.us.

I, or my authorized representative, will appear at the meeting of the Salisbury Historic District Commission on _____ (date).

I hereby certify that the owner of the subject premises has been fully informed of the alterations herein proposed and that said owner is in full agreement with this proposal.

Applicant's Signature [Signature]
John Soper 7/7/23
Application Processor (Date)

Date 6-27-23
Brian Soper 7/17/23
Secretary, S.H.D.C. (Date)

228 Newton Street

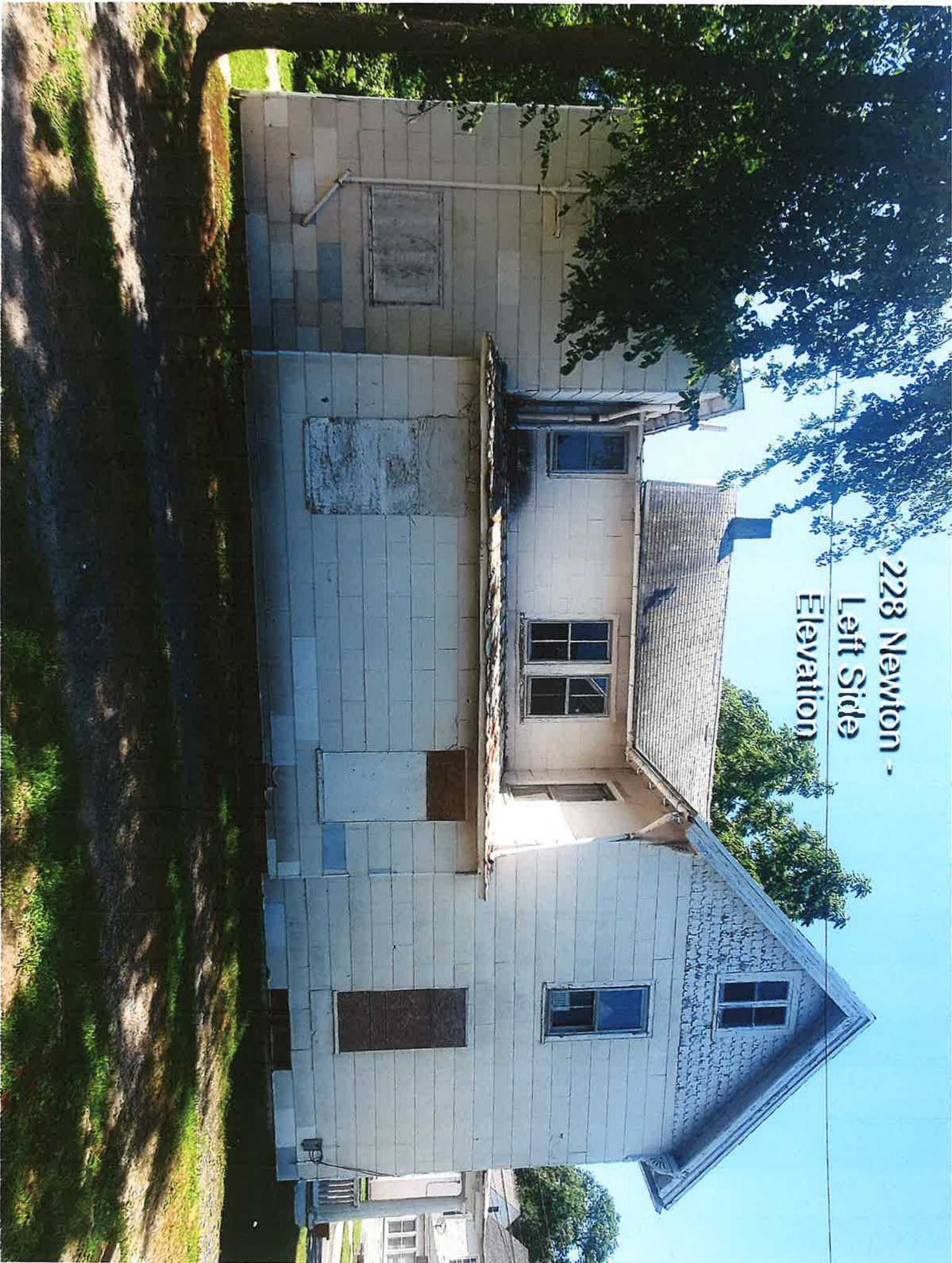
Proposed renovation plans:

1. Install vinyl siding on the exterior of the house to match as close as possible the old clapboard and clamshell siding that is presently underneath the asbestos shingles;
2. Replace the windows with vinyl replacement windows with similar grills. It should be noted that some of the current windows are very large and dangerous in that the bottoms of the windows are only 19 inches above the floor. We intend to replace them with windows that meet the current code compliant size and height requirements;
3. Wrap the exterior widow trim and boxing in metal;
4. Replace roofs with architectural asphalt shingles;
5. Install gable vents for proper ventilation of the attic in place of the gable windows;
6. Install new exterior metal doors; and
7. Install a new front porch deck with similar tongue and groove vinyl decking boards and replace the posts and bannisters with similar size and shape plastic or vinyl.

2228 Newton - Front Elevation



228 Newton -
Left Side
Elevation



228 Newton -
Right Side
Elevation



228 Newton -
Right Side
Elevation - Rear



228 Newton Rear
Elevation



228 Newton -
Front Porch

228

NO
TRESPASSING

POST
NO TRESPASSING
NO KEEP OUT



House to Left of
228 Newton



House to Right of
228 Newton



House Across from
228 Newton



**Houses Across
from 228 Newton**



Window Sill 19" from
Floor



Viwinco Dealer Quote

BEACON BUILDING PRODUCTS
505 MARVEL RD
SALISBURY, MD 21801

Quote Number:
00315013
Job Name:
Will Chavez
Quote Date: May 9, 2022

Sold To: 50158620

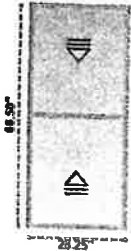
505 Marvel Road
Salisbury, MD 21801

Ship To:

505 Marvel Road
Salisbury, MD 21801

Line #	Qty Ordered	Order Specifications
0001	6	S-Series Double Hung

Viewed from Exterior



APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
MEASURE CODE: ROUGH OPENING
WIDTH: 28.7500
HEIGHT: 67.0000
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

Performance: SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
DP Value: 50
Florida Approval: 17528.1

Date Printed: 5/16/2023 02:06 PM

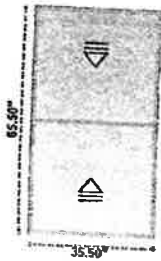
Created By: davidm@roofcenter.com

Page 1 of 4

00315013

Line #	Qty Ordered	Order Specifications
0002	4	S-Series Double Hung

Viewed from Exterior



APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
MEASURE CODE: ROUGH OPENING
WIDTH: 36.0000
HEIGHT: 66.0000
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW MEETS EGRESS, EGRESS HARDWARE IS INSTALLED

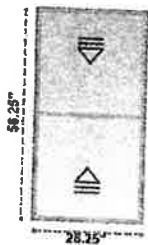
Performance: SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
DP Value: 50

Florida Approval: 17528.1

0003 6

S-Series Double Hung

Viewed from Exterior



APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
MEASURE CODE: ROUGH OPENING
WIDTH: 28.7500
HEIGHT: 56.7500
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

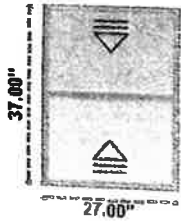
Performance: SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
DP Value: 50

Florida Approval: 17528.1

Line #	Qty Ordered	Order Specifications
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0004 1 S-Series Double Hung

Viewed from Exterior

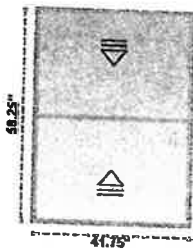


APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
 MEASURE CODE: ROUGH OPENING
 WIDTH: 27.5000
 HEIGHT: 37.5000
 LAYOUT: EQUAL LITE
 COLOR: WHITE EXTERIOR / WHITE INTERIOR
 GLASS PACKAGE: STANDARD GLASS PACKAGE
 GLASS COLOR OPTIONS: CLEAR / LOW-E
 GRID TYPE: NONE
 SCREEN: EXTRUDED HALF SCREEN
 SCREEN MESH: BVUE_V
 SCREEN SHIP: IN WINDOW
 LOCK AND KEEPER FINISH: WHITE FINISH
 HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

Performance: SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
 DP Value: 50
 Florida Approval: 17528.1

0005 1 S-Series Double Hung

Viewed from Exterior

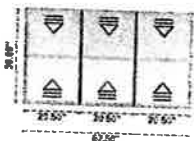


APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
 MEASURE CODE: ROUGH OPENING
 WIDTH: 42.2500
 HEIGHT: 58.7500
 LAYOUT: EQUAL LITE
 COLOR: WHITE EXTERIOR / WHITE INTERIOR
 GLASS PACKAGE: STANDARD GLASS PACKAGE
 GLASS COLOR OPTIONS: CLEAR / LOW-E
 GRID TYPE: NONE
 SCREEN: EXTRUDED HALF SCREEN
 SCREEN MESH: BVUE_V
 SCREEN SHIP: IN WINDOW
 LOCK AND KEEPER FINISH: WHITE FINISH
 HARDWARE: DOUBLE LOCKS / THIS WINDOW MEETS EGRESS, EGRESS HARDWARE IS INSTALLED

Performance: SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
 DP Value: 50
 Florida Approval: 17528.1

0006 1 S-Series Muled Units 3U-1R3C

Viewed from Exterior
 Mullen Width = 0.50"



CONFIG: 3U-1R3C
 APPLICATION: NEW CONSTRUCTION (NON-IMPACT)
 MEASURE CODE: ROUGH OPENING
 OVERALL WIDTH: 63.0000
 OVERALL HEIGHT: 36.5000
 CUSTOM SIZES: NO
 COLOR: WHITE EXTERIOR / WHITE INTERIOR
 GLASS PACKAGE: STANDARD GLASS PACKAGE

UNIT 01: S-Series Double Hung

WIDTH: 20.5000
 HEIGHT: 36.0000

Date Printed: 5/16/2023 02:06 PM

Created By: davidm@roofcenter.com

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00315013

Line #	Qty Ordered	Order Specifications
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LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

UNIT 02: S-Series Double Hung

WIDTH: 20.5000
HEIGHT: 36.0000
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

UNIT 03: S-Series Double Hung

WIDTH: 20.5000
HEIGHT: 36.0000
LAYOUT: EQUAL LITE
COLOR: WHITE EXTERIOR / WHITE INTERIOR
GLASS PACKAGE: STANDARD GLASS PACKAGE
GLASS COLOR OPTIONS: CLEAR / LOW-E
GRID TYPE: NONE
SCREEN: EXTRUDED HALF SCREEN
SCREEN MESH: BVUE_V
SCREEN SHIP: IN WINDOW
LOCK AND KEEPER FINISH: WHITE FINISH
HARDWARE: THIS WINDOW DOES NOT MEET EGRESS

Performance (All Units): SHGC: 0.20, U-Factor: 0.29, VT: 0.46, CPD: VWN-K-10-00638-00001
DP Value: 50
Florida Approval (All Units): 17528.1

Date Printed: 5/16/2023 02:06 PM
Created By: davidm@roofcenter.com
Page 4 of 4

QUOTE DISCLAIMER

We ask that you thoroughly review the quote for accuracy, before ordering the product. By responding to this email, or signing the quote, you authorize us to order the product/special order product and you agree all quantities, sizes, and specifications are correct. No changes or cancellations can occur once special order items have been submitted to the manufacturer.

THIS ESTIMATE IS VALID FOR 30 DAYS. SPECIAL ORDER ITEMS CANNOT BE RETURNED.

Customer Signature: _____ Date: _____

Salisbury Historic District Commission

STAFF FINDINGS

Meeting of July 26, 2023

Case Number:	#23-19
Commission Considering:	Alterations
Owner Name:	REPC LLC
Owners Address:	106 Circle Ave Salisbury, MD 21801
Applicant Name:	Robert Cannon
Applicant's Address:	106 Circle Ave Salisbury, MD 21801
Agent/Contractor:	TBD
Subject Property Address:	228 Newton St
Historic District:	Camden Historic District
Use Category:	Residential
Zoning Classification:	R – 8
Structure / Site Description:	
Built Date:	1910
Enclosed Area:	2,640 sq. ft.
Lot Size:	7,500 sq. ft.
Number of Stories:	2
Contributing Structure:	TBD

Wicomico County Historic Survey on file: No

Nearby Properties on County Survey: Yes

Including but not limited to:

232 Newton St- William Mitchell House

Explanation of Request: The applicant is seeking approval to repair the following:

- Install Vinyl Siding
- Replace windows with vinyl, and wrap window trim
- Replace the roof with architectural asphalt shingles
- Install gable vents for proper ventilation of the attic in place of gable windows
- Install new exterior metal doors
- Install new front porch deck. With similar tongue and groove vinyl decking boards and replace post and banisters with similar size and shape plastic or vinyl

Areas of Historic Guidelines to be considered:

Guideline 13: Match Existing or Historic Siding

- a. Where full-scale siding replacement is necessary, match the historic or existing siding on the building. Keep the details (width of wood boards, shingle size, corner and seam details, etc.) consistent with the historic appearance.
- b. When replacing non-historic siding that was inappropriately applied, chose an appropriate replacement that is consistent with buildings of the type, period, and architectural style.
- c. Do not cover historically uncovered masonry surfaces with siding. Siding applied to masonry surfaces has the potential to hold moisture and cause damage to the underlying wall.

Guideline 14: Synthetic Siding

Synthetic siding describes a siding product not made from natural materials. Vinyl, asphalt, and fiber cement board are the most commonly found synthetic siding types.

- a. The use of new synthetic siding may be approved on a case by case basis if one or more of the following conditions are met.
- b. Historic decorative details should not be removed or covered by synthetic siding. These details include but are not limited to cornices, window hoods, moldings, eaves, decorative shingles, and trim.
- c. Synthetic siding may not be applied over historically uncovered masonry walls.

Guideline 17: Retain Historic Windows

- a. Maintain or restore the historic shape, size, alignment, pattern, and details of existing historic windows, particularly those in upper stories of commercial properties. (For guidelines on storefront windows, see the Storefronts [Guidelines](#) in the following section).

- b. Do not infill window openings or cover existing historic windows.
- c. Consider reopening windows that are presently blocked, if your budget allows.

Guideline 18: New Window Openings and Infill

Altering window openings in historic facades alters the building's historic appearance significantly, and is typically not appropriate, but may be considered in some situations.

- a. Avoid placing new openings on the front facade.
- b. If new openings are required for additional light, consider placing them on the rear or side elevations of the building or installing a skylight on a non-visible roof slope.
- c. Avoid infilling existing window openings on the front facade.
- d. Where recent changes have altered historic window openings, restoration of the historic configuration and materials is encouraged.

Guideline 24: Roofing Material

In-kind replacement of roofing materials is always preferable to replacement with a new material, however, this is not always feasible. Standing seam metal in copper, tin, or terne coated steel are traditional materials which can be replaced with new versions provided that they are flat and of a uniform color and texture. Asphalt, asphalt shingles, and mineral fiber slate may be appropriate substitutes for many traditional materials.

- a. Retain and repair the historic roof material when feasible.
- b. Where replacement is necessary, match the historic materials as closely as possible in terms of material, size, color, and pattern.
- c. Requests for substitute roofing materials will be reviewed on a case-by-case basis.
- d. When asphalt shingles are used to replace wood or slate, heavy weight architectural shingles which provide depth and variation, and which match the shape of the historic materials, are preferred.
- e. Roofing materials on additions should match or mimic the material on the main body of the historic building.
- f. Roofing materials on new construction should be consistent with the prevalent roofing material on surrounding buildings.
- g. Repair of isolated sections of a roof must match the existing tiles in material composition, style, size and color.

Guideline 28: Chimneys and Vents

- a. Maintain existing chimneys. When repairs are necessary, match the existing materials, colors, shape, brick pattern, and details as closely as possible.
- b. Avoid changing the height, massing, or scale of existing chimneys.
- c. New vents should be placed in a location which is not visible from the public right of way.
- d. New chimneys on new construction should be consistent with the height, massing, and proportions of chimneys found in the surrounding area.

Guideline 53: Replacing Residential Doors

- a. Where replacement is necessary, the new door should match the historic door in placement, size, type, and configuration wherever possible.
- b. When restoring missing historic doors, use pictorial evidence to produce the replacements, if your budget allows. A salvaged replacement in the same style that fits the opening, or a new door in a complimentary style are also appropriate choices.
- c. If replacement with a new door is unavoidable, choose one that mimics the size, scale, design,

and texture of an appropriate historic door. Proportions and details should be in keeping with the building's architectural style.

d. Maintain the historic door opening size and surrounding trim, including side lights and transoms. Do not alter the size of the opening to fit a smaller or larger door, unless required by code.

Guideline 55: Restore Historic Porch Features

a. Maintain the historic porch or stoop when feasible. Keep wooden surfaces painted and keep up with general maintenance.

b. If repair or rehabilitation is necessary, keep as much of the historic materials in place as possible. Maintain the porch's design, proportion, and ornament to the greatest extent possible.

c. Replace missing porch posts and railings where necessary. Match the size, shape, profile, proportion, and spacing to the original features.

d. Use of synthetic replacement materials may be allowed if the new material closely approximates the size, scale, texture, and overall appearance of the historic feature.

Guideline 56: Replacement Porches

a. If porch replacement is necessary in whole or in part, reconstruct it to match the historic porch in size, scale, and overall design. Where possible, detail and ornamentation should be replicated.

b. Use the same or similar materials wherever feasible.

c. Avoid applying decorative elements that are not appropriate to the style of the dwelling.

Whenever possible, choose accurate details based on historic photographs or similar properties of the same period and style.

Evaluation Criteria:

Pursuant to Section 17.52.040 A & B of the Salisbury Zoning Code, it is the duty of the Historic District Commission to review all applications to construct, alter, reconstruct, move or demolish any structure within a Historic District whenever the exterior appearance of such structure is affected, and to approve or reject said application. In reviewing an application and plans, the Commission should give consideration to review criteria, and may make a determination as to which of said Criteria are applicable.

Staff Findings Prepared By: Jessica Budd
Infrastructure and Development
125 N Division Street, Suite 202
Salisbury, MD 21801
(410) 548-3170
Date: July 17, 2023

[View Map](#)[View GroundRent Redemption](#)[View GroundRent Registration](#)**Special Tax Recapture:** None**Account Identifier:** District - 13 Account Number - 019479**Owner Information**

Owner Name: REPC & HTC LLC **Use:** RESIDENTIAL
Principal Residence: NO
Mailing Address: C/O ROBERT P CANNON **Deed Reference:** /02532/ 00020
 106 W CIRCLE AVE
 SALISBURY MD 21801-4944

Location & Structure Information

Premises Address: 226 NEWTON ST **Legal Description:** 9,000 SQFT
 SALISBURY 21801-0000 226 NEWTON ST
 CITY OF SALIS

Map:	Grid:	Parcel:	Neighborhood:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:
0111	0011	0263	13030702.23	0000				2022	

Town: SALISBURY

Primary Structure Built	Above Grade Living Area	Finished Basement Area	Property Land Area	County Use
1915	2,370 SF		9,000 SF	

Stories	Basement	Type	Exterior	Quality	Full/Half Bath	Garage	Last Notice of Major Improvements
2	NO	STANDARD UNIT	ASBESTOS SHINGLE/	1	2 full		

Value Information

	Base Value	Value	Phase-in Assessments
		As of	As of
		01/01/2022	07/01/2022
Land:	9,000	8,600	
Improvements	7,500	300	
Total:	16,500	8,900	8,900
Preferential Land:	0	0	

Transfer Information

Seller: CANNON, ROBERT P & HILDA T **Date:** 12/30/2005 **Price:** \$0
Type: NON-ARMS LENGTH OTHER **Deed1:** /02532/ 00020 **Deed2:**

Seller: **Date:** **Price:**
Type: **Deed1:** **Deed2:**

Seller: **Date:** **Price:**
Type: **Deed1:** **Deed2:**

Exemption Information

Partial Exempt Assessments:	Class	07/01/2022	07/01/2023
County:	000	0.00	
State:	000	0.00	
Municipal:	000	0.00/0.00	0.00/0.00

Special Tax Recapture: None**Homestead Application Information****Homestead Application Status:** No Application**Homeowners' Tax Credit Application Information****Homeowners' Tax Credit Application Status:** No Application**Date:**