



HISTORIC PRESERVATION COMMISSION

Marc Elrich
County Executive

Karen Burditt
Chair

December 4, 2025

MEMORANDUM

TO: Rabbiah Sabbakhan
Department of Permitting Services

FROM: Laura DiPasquale
Historic Preservation Section
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit #1140162– Installation of exterior mechanical equipment

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached applications for a Historic Area Work Permit (HAWP). This application was **approved** at the December 3, 2025 HPC meeting.

The HPC staff has reviewed and stamped the attached submission materials.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE ABOVE APPROVED HAWP CONDITIONS AND MAY REQUIRE APPROVAL BY DPS OR ANOTHER LOCAL OFFICE BEFORE WORK CAN BEGIN.

Applicant: Monika Palmore; Thomas Taltavull, Architect; Michele Jolles/Luis Patino, Agents
Address: 19010 Fisher Avenue, Poolesville

This HAWP approval is subject to the general condition that the applicant will obtain all other applicable Montgomery County or local government agency permits. After the issuance of these permits, the applicant must contact this Historic Preservation Office if any changes to the approved plan are made. Once work is complete, the applicant will contact Laura DiPasquale at 301-495-2167 or laura.dipasquale@montgomeryplanning.org to schedule a follow-up site visit.



Description of Property: Please describe the building and surrounding environment. Include information on significant structures, landscape features, or other significant features of the property:

Description of Work Proposed: Please give an overview of the work to be undertaken:

REVIEWED


By Laura DiPasquale at 2:38 pm, Dec 04, 2025

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Montgomery County

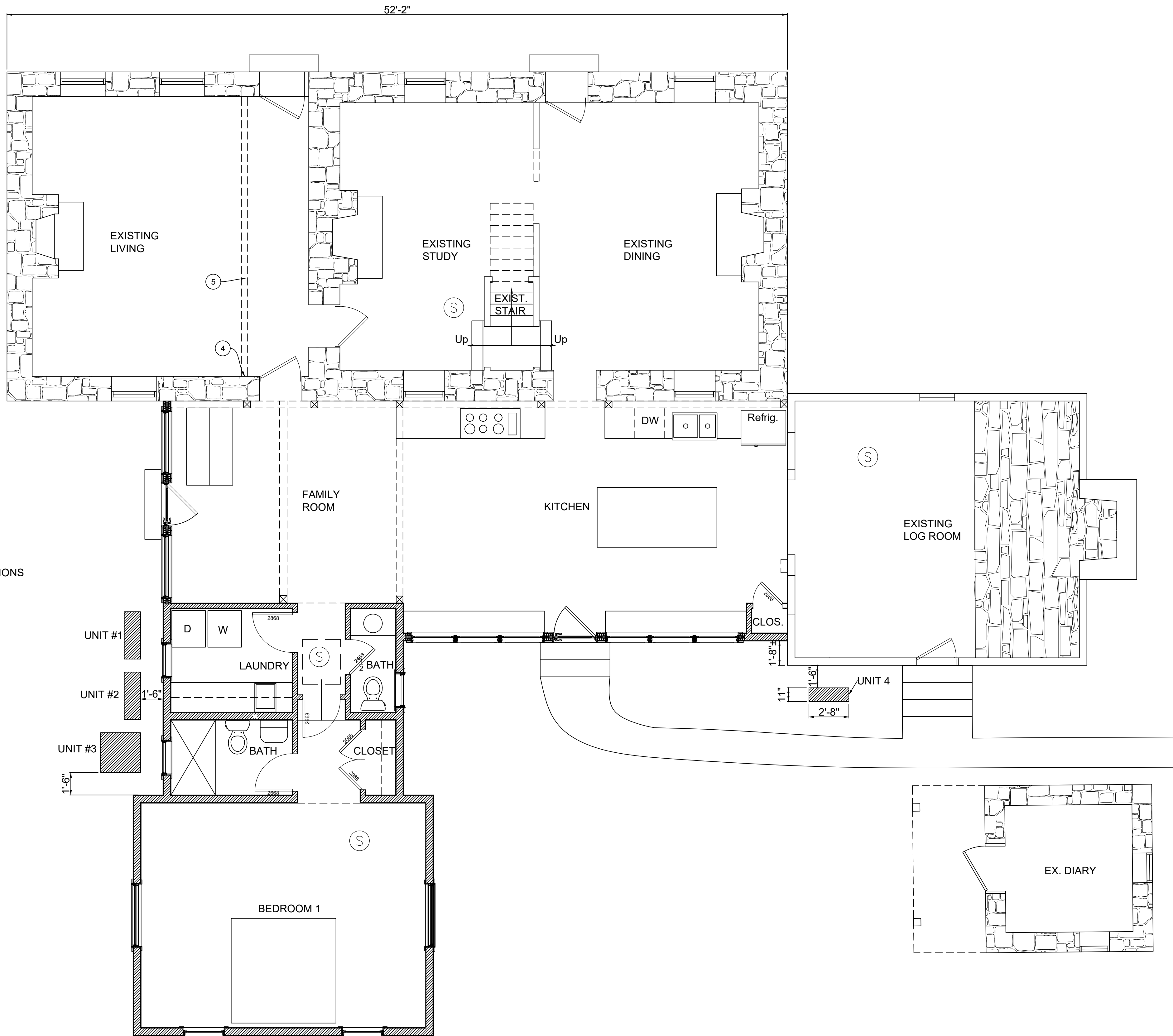
Historic Preservation Commission

Karen Benoit

Work Item 1: _____	
Description of Current Condition:	Proposed Work:
Work Item 2: _____	
Description of Current Condition:	Proposed Work:
<div>REVIEWED By Laura DiPasquale at 2:38 pm, Dec 04, 2025</div>	<div>APPROVED Montgomery County Historic Preservation Commission </div>
Work Item 3: _____	
Description of Current Condition:	Proposed Work:

OUTDOOR UNITS DIMENSIONS

- UNIT #1
Width 37" ±
Depth 13"
Height 42" ±
- UNIT #2
Width 37" ±
Depth 13"
Height 38" ±
- UNIT #3
Width 32" ±
Depth 32"
Height 32" ±
- UNIT #4
Width 32" ±
Depth 12" ±
Height 22" ±



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Historic Preservation Commission
Karen Buelit

Addition and Alterations to:
Palmore Residence
Valhalla
19010 Fisher Avenue,
Poolesville, Maryland 20837

Drawing Number

A201

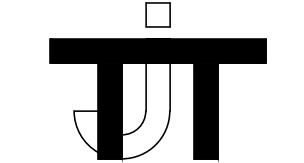


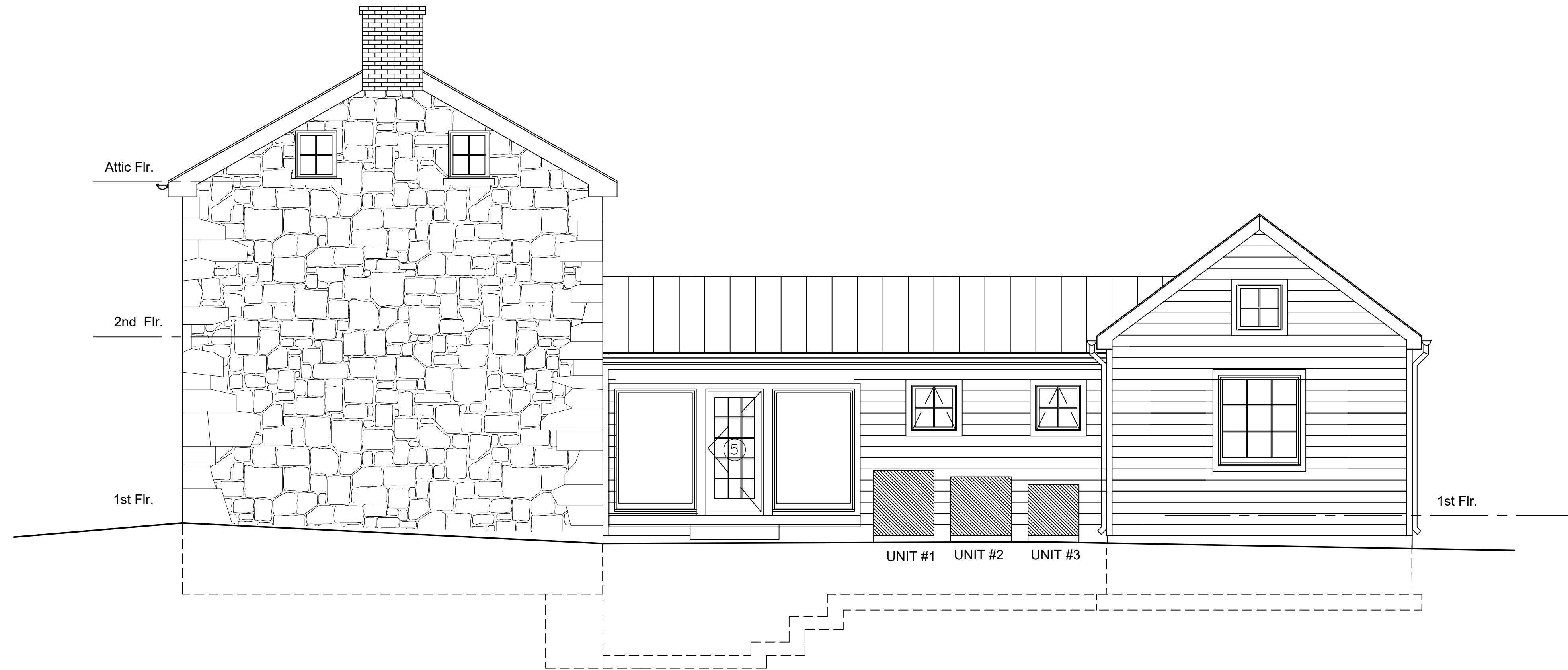
Professional Certification:
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland.
License No. 9083,
Expiration Date: 6-13-2026.

301.840.1847
tom@tjarchitects.com

THOMAS J. TALTAVULL
ARCHITECT
20650 PLUM CREEK COURT
GATHERSBURG, MARYLAND 20882

ARCHITECTS
PLANNERS
HISTORIC
PRESERVATION





OUTDOOR UNITS DIMENSIONS

UNIT #1
Width 37" ±
Depth 13"
Height 42" ±

UNIT #2
Width 37" ±
Depth 13"
Height 38" ±

UNIT #3
Width 32" ±
Depth 32"
Height 32" ±

UNIT #4
Width 32" ±
Depth 12" ±
Height 22" ±

PROPOSED WEST MECHANICAL UNIT LOCATION ELEVATION

1/4" = 1'-0"

2



PROPOSED SOUTH MECHANICAL UNIT LOCATION ELEVATION

1/4" = 1'-0"

1



THOMAS J. TALTAVULL
ARCHITECT
20650 PLUM CREEK COURT
GAITHERSBURG, MARYLAND 20882
301.840.1847
tom@tjarchitects.com

Professional Certification:
I hereby certify that these
documents were prepared
or approved by me, and
that I am a duly licensed
architect under the laws of
the State of Maryland.
License No.9083,
Expiration Date: 6-13-2026.



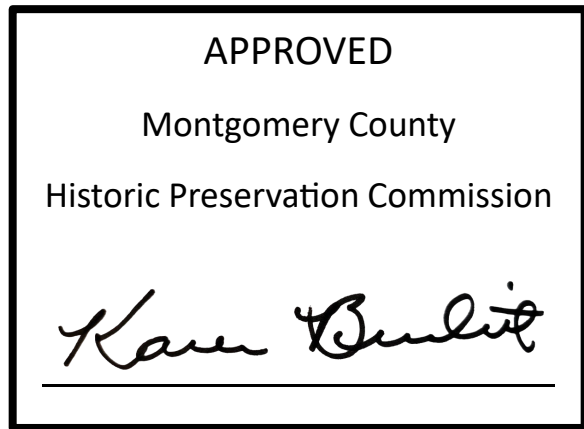
Revisions

Drawing Title

PROPOSED ELEVATIONS

Date: March 11, 2025

Addition and Alterations to:
Palmore Residence
Vahalla
19010 Fisher Avenue,
Poolesville, Maryland 20837



Drawing Number

A205



Valhala 1835 Log Building South View 2024

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MXZ-2C20NAHZ4
1.66-TON MULTI-ZONE INVERTER HEAT-PUMP SYSTEM



Job Name:

System Reference:

Date:



UNIT #1

FEATURES

- Variable speed INVERTER-driven compressor
- Built-in base pan heater
- Quiet outdoor unit operation as low as 54 dB(A)
- High-pressure protection
- Compressor thermal protection
- Compressor overcurrent detection
- Fan motor overheating/voltage protection
- Hyper-heating performance offers 100% heating capacity at 5°F and 93% heating capacity at -13°F
- Blue Fin anti-corrosion treatment applied to the outdoor unit heat exchanger for increased coil protection and longer life
 - Rated for 2,000 hours spraying time per ASTM B117 Standard

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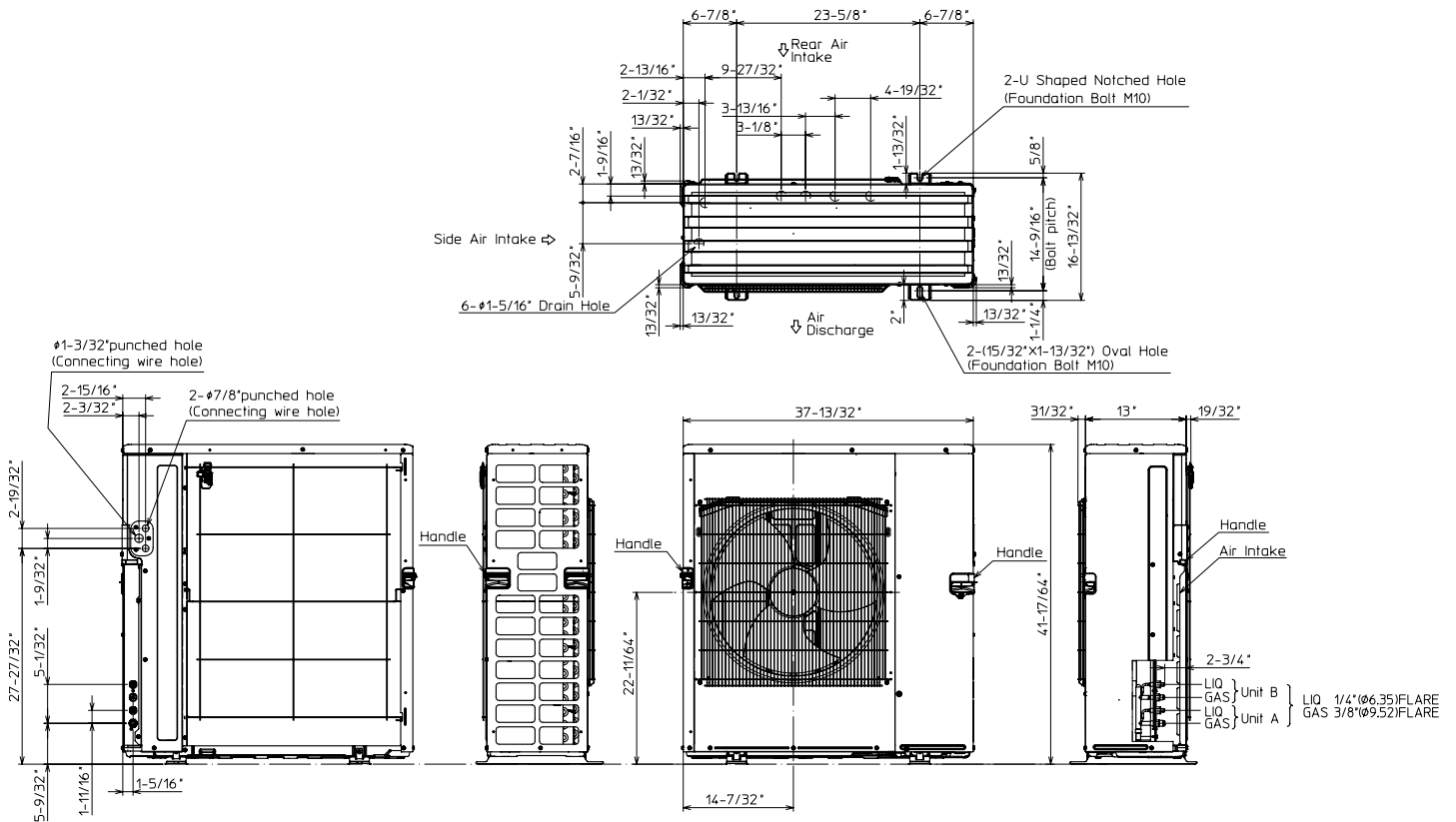
Montgomery County

Historic Preservation Commission

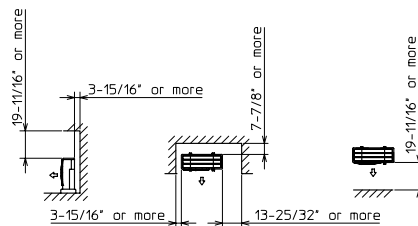
Karen Benoit

OUTDOOR UNIT DIMENSIONS: MXZ-2C20NAHZ4

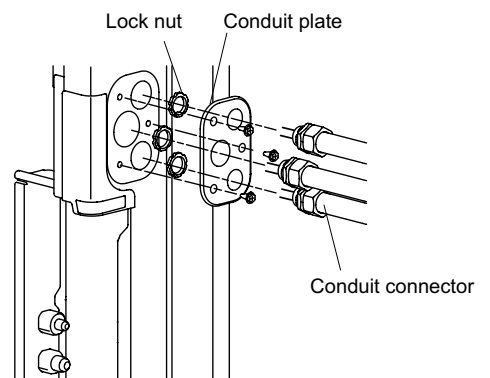
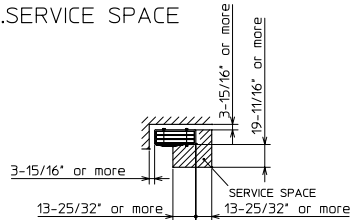
Unit: inch (mm)



1.FREE SPACE



2.SERVICE SPACE



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Karen Buelit

1340 Satellite Boulevard Suwanee, GA 30024
Toll Free: 800-433-4822 www.mehvac.com

FORM# MXZ-2C20NAHZ4 - 202311



SVZ-KP24NA & SUZ-KA24NAHZ-R1
24,000 BTU/H MULTI-POSITION AIR HANDLER
24,000 BTU/H HYPER-HEATING UNIVERSAL OUTDOOR UNIT



Job Name:

System Reference:

Date:

Indoor Unit.....SVZ-KP24NA

Outdoor Unit.....SUZ-KA24NAHZ-R1



UNIT #2

INDOOR UNIT FEATURES

- Ducted air handler provides a solution to cool and heat large zones
- Highly efficient totally enclosed ECM motor
- Selectable external static pressure: 0.30, 0.50 and 0.80 in.WG with 3 fan speeds at each static setting
- 1 inch R4.2 fiberglass free insulation reduces condensation and boosts efficiency
- Positive pressure cabinet with air leakage of less than 2.0% at 1.0 In.WG (Tested per ASHRAE Standard 193)
- Unique blow through design allows simple coil cleaning when the blower is removed
- Multi-position installation: horizontal (left or right), vertical (up or down)
- Optional electric heat kit for additional heat capacity
- Optional humidifier control and ERV control
- Built-in humidifier control, ERV control and auxiliary heat control
- Optional downflow kit
- Multiple control options available:
 - kumo cloud® smart device app for remote access
 - Third-party interface options
 - Wired or wireless controllers

OUTDOOR UNIT FEATURES

- The outdoor unit powers the indoor unit, and should a power outage occur, the system is automatically restarted when power returns
- INVERTER-driven compressor and LEV provide high efficiency and comfort while using only the energy needed to maintain maximum performance
- Hyper-heating performance offers 100% heating capacity at 5° F
- Hot-Start Technology: no cold air rush at equipment startup or when restarting after Defrost Cycle
- Quiet operation
- Built-in base pan heater
- Innovative Joint Lap DC Motor leads to high efficiency and reliability
- Pulse Amplitude Modulation technology

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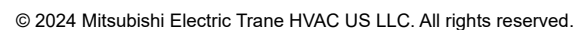
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Unit: mm<in>



HEAT PUMPS



ML14KP1

MERIT® SERIES

Single-Stage | Quantum™ Coil | **R-454B** | 1-Phase | 60Hz

RESIDENTIAL

PRODUCT SPECIFICATIONS (EHB)

1.5 to 5 Tons

SEER2 up to 17.0

HSPF2 up to 8.2

Cooling Capacity | 18,000 to 58,000 Btuh

Heating Capacity | 17,400 to 60,000 Btuh

UNIT #3



MERIT®
SERIES



2025 COMPLIANT
REFRIGERANT



MODEL NUMBER IDENTIFICATION

ML 14 K P 1 - 036 - 230 A 01

Product
ML = Merit® Series

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By Laura DiPasquale at 2:39 pm, Dec 04, 2025

Nominal SEER2
14 = 14.0 to 17.0

Refrigerant
K = R-454B

Unit Type
P = Heat Pump

Cooling Stages
1 = Single-Stage Compressor

Minimum

Ratings Review

Voltage
230 = 208/230V-1ph-60Hz

Nominal Cooling Capacity
018 = 1.5 tons
024 = 2 tons
030 = 2.5 tons
036 = 3 tons
042 = 3.5 tons
048 = 4 tons
060 = 5 tons

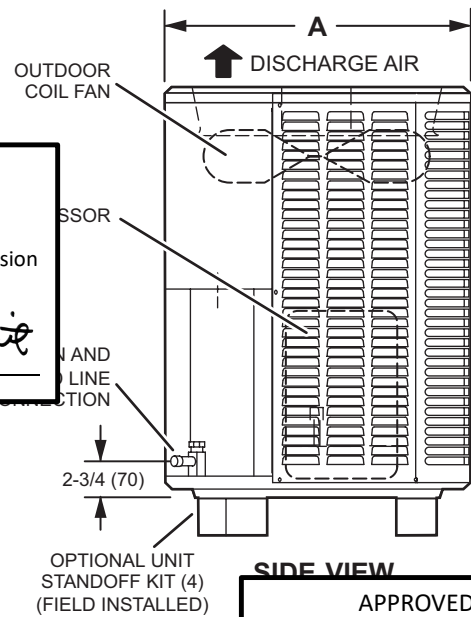
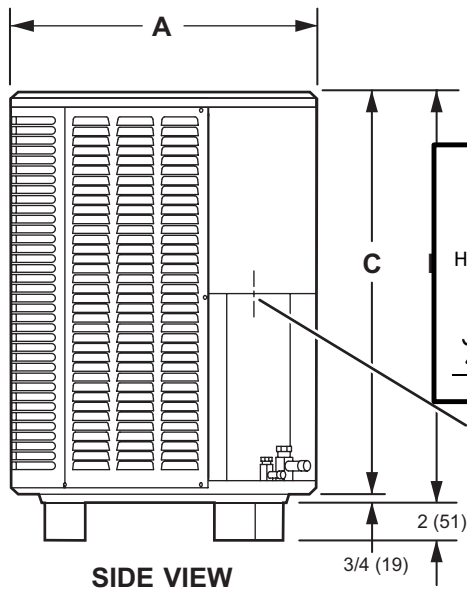
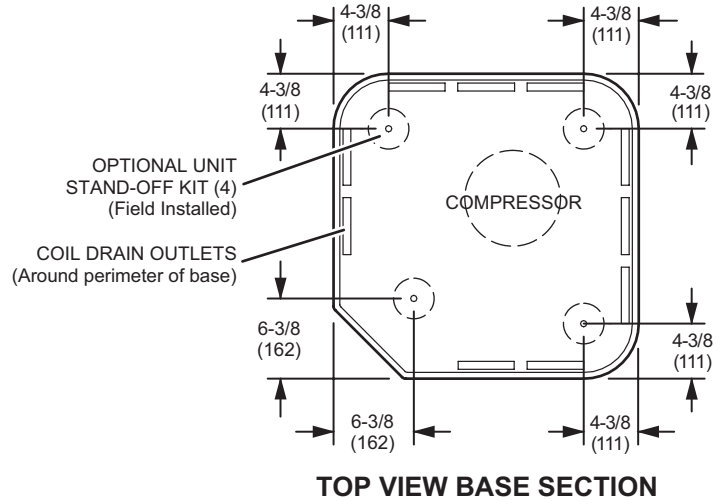
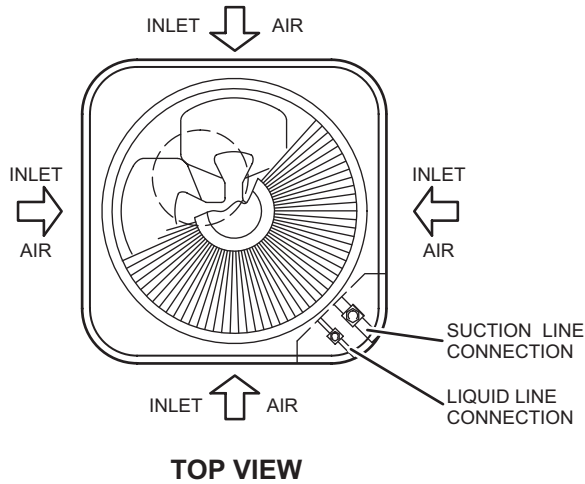
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DIMENSIONS



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ELECTRICAL INLETS

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Size	Width and Depth		Height			
	in.	mm	in.	mm	in.	mm
018	28-1/4	718	43-1/4	1099	42-1/2	1080
024	28-1/4	718	43-1/4	1099	42-1/2	1080
030	28-1/4	718	33-1/4	845	32-1/2	826
036	32-1/4	819	33-1/4	845	32-1/2	826
042	32-1/4	819	37-1/4	946	36-1/2	927
048	32-1/4	819	37-1/4	946	36-1/2	927
060	32-1/4	819	43-1/4	1099	42-1/2	1080

MMLD | Single-Zone | Mixed Indoor



Cold Climate | Heat Pump Outdoor Units | **R-32** | 60 Hz

RESIDENTIAL / COMMERCIAL
PRODUCT SPECIFICATIONS (EHB)

SEER2 up to 23.8

HSPF2 up to 10.7

0.75 to 4 Tons

Cooling Capacity - 9,000 to 48,000 Btuh

Heating Capacity - 10,000 to 54,000 Btuh

Heating down to -13°F (-25°C)



MMLD030, MMLD036, MMLD048
Heat Pump Outdoor Units



MMLD024 Heat Pump Outdoor Units



MMLD009 and MMLD012
Heat Pump Outdoor Units



MMLD018 Heat Pump Outdoor Unit

UNIT
#4



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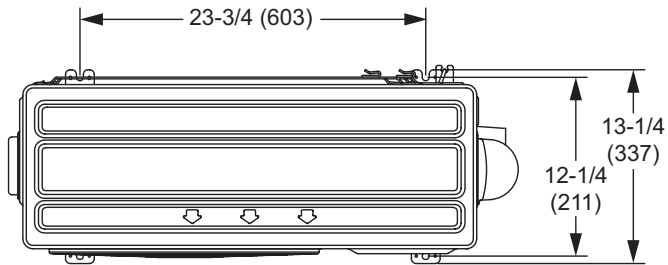
Certain models have earned the ENERGY STAR® mark by meeting strict energy efficiency guidelines set by the US EPA.



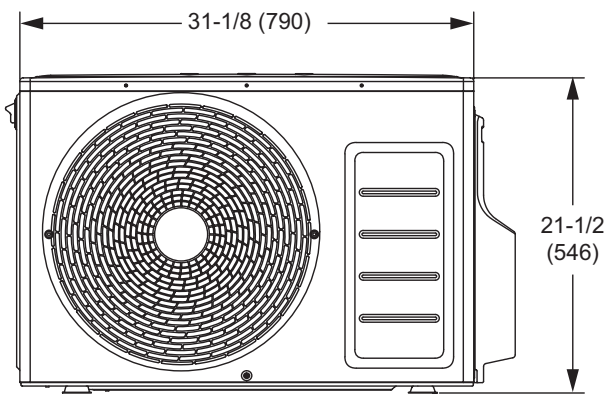
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<i>Karen Dunlap</i>

MMLD009S6S | MMLD012S6S

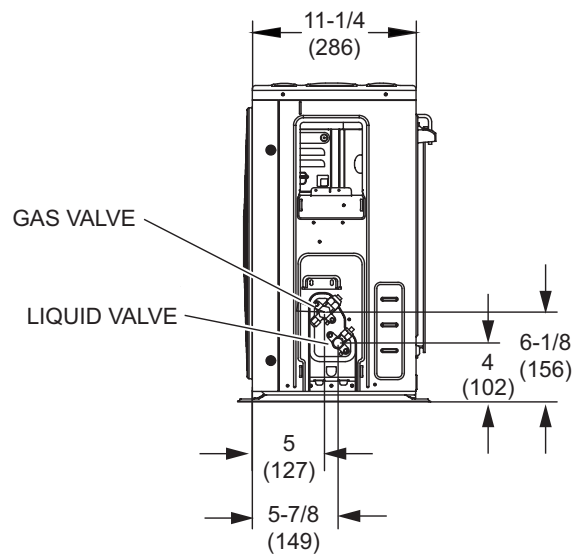
UNIT #4



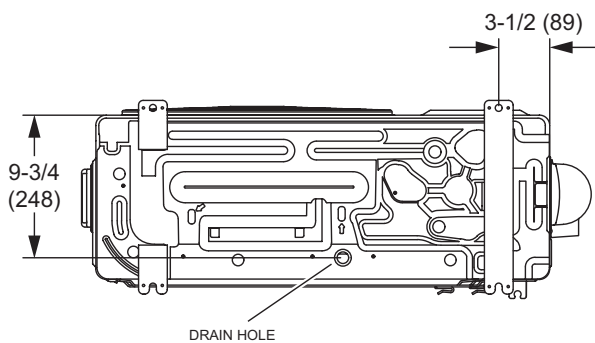
TOP VIEW



FRONT VIEW



SIDE VIEW



BOTTOM VIEW

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