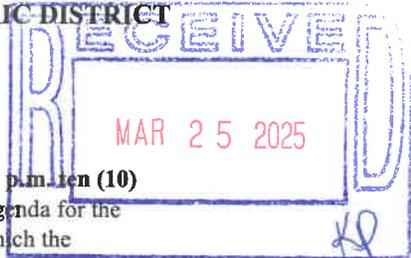


**GENERAL APPLICATION FOR WORK LOCATED WITHIN A HISTORIC DISTRICT**



- Minor Work ( Complete Section A and refer to General Directions)
- New Construction (Complete Section B and refer to General Directions and Item B)
- Demolition (Complete Section B and refer to General Directions and Item C)

**Application Deadline:** Application and materials must be completed and **submitted by 4:00 p.m. ten (10) business days before each Commission Meeting.** Late applications will be placed on the agenda for the following month. Decision by the Commission will not necessarily occur at the meeting at which the application materials are first received.

**A) MINOR WORK**

**PROPERTY LOCATION:** 7237 Market Street 051-550-041-00  
 (Number) (Street) (Property Tax ID #)

**PROPERTY OWNER**

Name: Bob Gale Email Address: \_\_\_\_\_  
 Address: 7237 Market Street Mackinac Island MI 46757  
 (Street) (City) (State) (Zip)  
 Telephone: 231-818-0104  
 (Home) (Business) (Fax)

**APPLICANT/CONTRACTOR**

Name: Belonga Plumbing & Heating Email Address: spaquinbph18@gmail.com  
 Address: 115 Elliott Street St. Ignace MI 49781  
 (Street) (City) (State) (Zip)  
 Telephone: \_\_\_\_\_  
 (Home) (Business) (Fax)

- Attach a brief description of the nature of the minor work proposed and the materials to be used.
- Attach one or more photograph(s) of the whole building including façade and any relevant elevations showing the area, item or feature proposed to be repaired or replaced. The Building Official or Historic District Commission may require additional information necessary to determine the work to be Minor Work.

If the Building Official determines that the proposed work is not Minor Work, the Building Official shall direct the applicant to complete an Application for New Work and/ or Application for Demolition or Moving work which will then be referred to the HDC.

I certify that the information provided in this Application and the documents submitted with this Application are true to the best of my information, knowledge and belief; and that the property where work will be undertaken has, or will have before the proposed project completion date, a fire alarm system or a smoke alarm complying with the requirements of the Stille-DeRossett-Hale single state construction code act, 1972 PA 230, MLC 125.1501 to 125.1531

Signature: Steve Paquin SIGNATURES: \_\_\_\_\_  
 Signature: Exhibit A  
 Please Print Name: Steve Paquin Please Print Name: 3-25-25  
 Contractor Initials: KP

NOTE: All photos, drawings and physical samples, etc., become the property of the HDC/City of Mackinac Island. These may be returned to the applicant upon request after they are no longer needed by the Commission/City.

**RETURN THIS FORM AND SUPPORTING MATERIALS TO:**  
**MACKINAC ISLAND BUILDING OFFICIAL**  
**7358 MARKET STREET, MACKINAC ISLAND, MI 49757**  
**PHONE: (906) 847-4035**

File Number: MD25-041-017(H) Date Received: 3-25-25 Fee: 250 + 100  
 Received By: Sperry Work Completed Date: \_\_\_\_\_

File No. MD25-041-017(H)

Exhibit C

Date 3-25-25

Initials KD

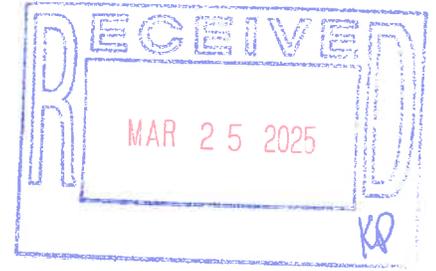
Market street inn

Air conditioning upgrade /addition

General description of work

Upgrade west side of building by adding 2 indoor a/c units to the existing 4 indoor units utilizing line hide painted to match siding. Route to existing location and install new Panasonic heat pumps in place of old units.

Additional work proposed would include cooling up to 4 additional rooms of east side utilizing line hide painted to match the siding and installing up to 2 outdoor condensers in the rear patio area away from view



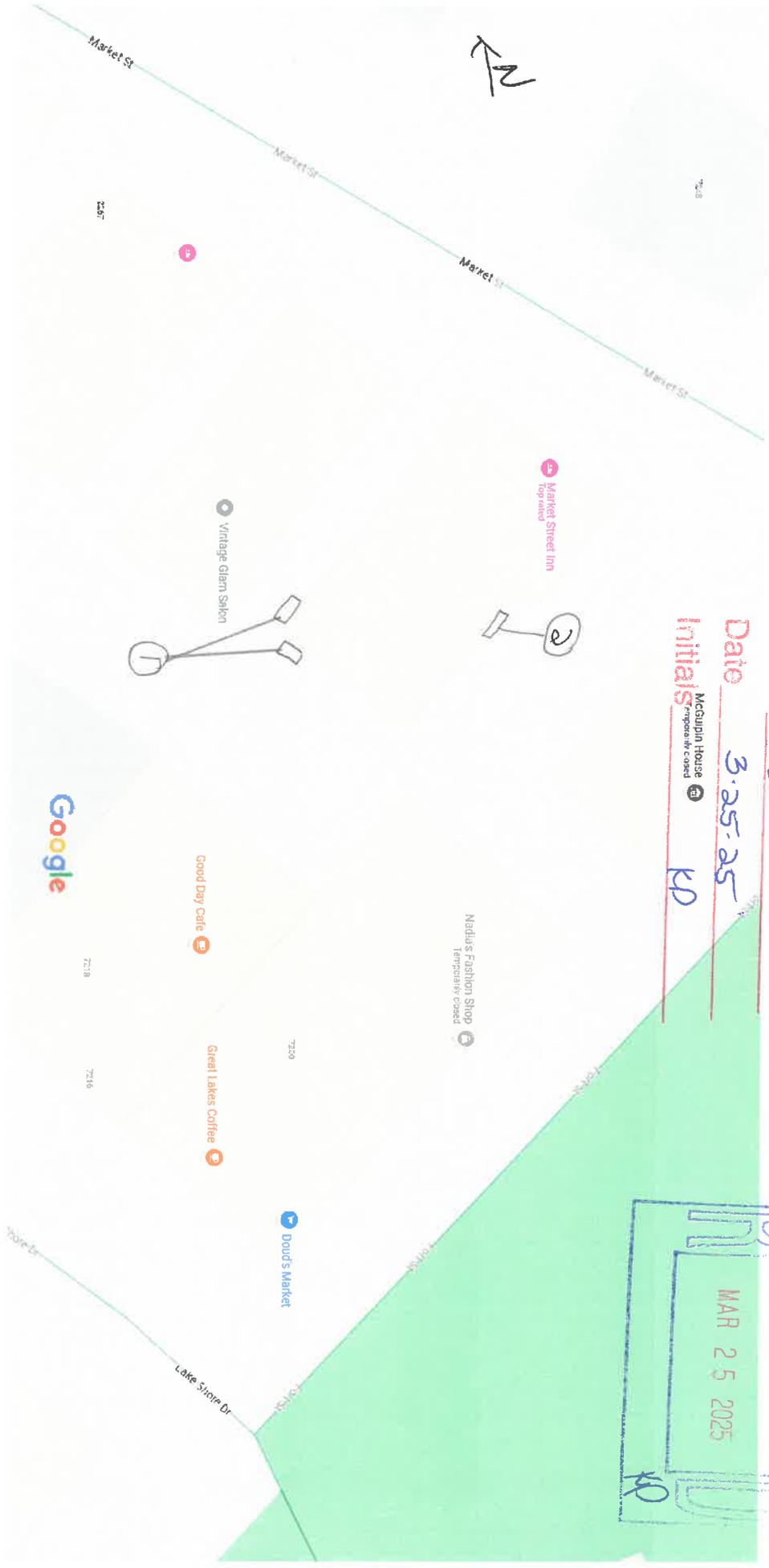
File No. MDAS-041-017(R)

Exhibit D

Date 3-25-25

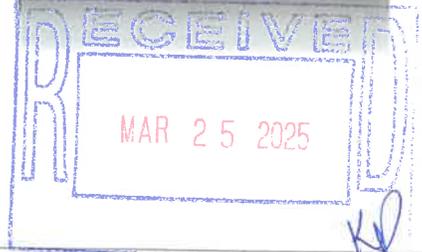
Initials KD

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- ① Existing Units that are to be upgraded to Personal
- ② Proposed New Unit to accommodate up grade (Samsung)

**Panasonic**



# Mult System Outdoor Submittal Data

**CU-5E36QBU-5**

Multi System Outdoor Unit

Job Name: Market Street Inn  
 Location: Bob Gale  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit#: \_\_\_\_\_  
 Drawing#: \_\_\_\_\_

File No. MD25-041-017(4)

Exhibit E

Date 3.25.25

Initials KP

General Data	
<b>Power (V/P/Hz)</b>	<b>230/208/1/60</b>
Minimum Circuit Ampacity (A)	30
Maximum Overcurrent Protection (A)	45
<b>Compressor</b>	
<b>No. Used</b>	<b>1</b>
Output Power (W)	1.30K
Outdoor Unit	
Fan Type	Propeller
Motor Type	DC Motor (8 poles)
Output Power (W)	90
Airflow (CFM) Cooling/Heating	2,512 Cooling / 2,475 Heating
Coil Type	Aluminum (Blue Coated)
Fin Type - Pipe Type	Corrugated Fin
Coil Type	Aluminum Fin & Copper Pipe
Fin Type - Pipe Type	Corrugated Fin
Rows - F.P.I.	2/19
Tube Size (in)	3/8"
<b>Refrigerant</b>	
<b>R410a Pre Charge</b>	<b>120 oz</b>
Refrigerant Control	Electronic Expansion Valve
Refrigerant Tubing Connections	Flare
Line Length, Max (ft.)	262.4
Elevation Difference, Max (ft.)	49.2'
Line Size (in. O.D. Discharge)	1/4" x 5
Line Size (in. O.D. Suction)	3/8" x 5
Pre-charge, tube length @ shipment	147.6'
<b>Dimensions (HxWxD)</b>	
Outdoor Unit (Uncrated) (in.)	39-11/32 x 37-1/32 x 13-13/32
<b>Weight (lbs.)</b>	
(Outdoor) Net	183 lbs

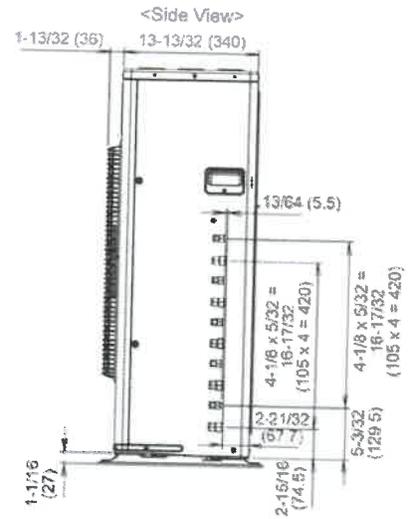
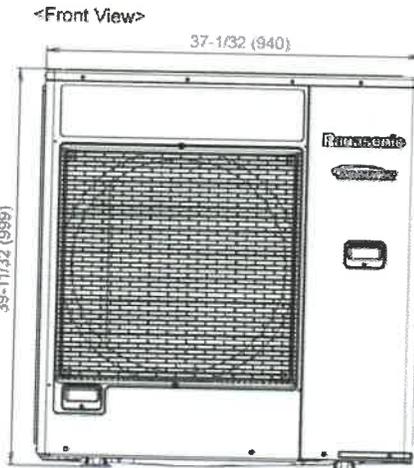
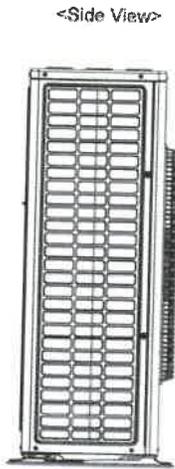
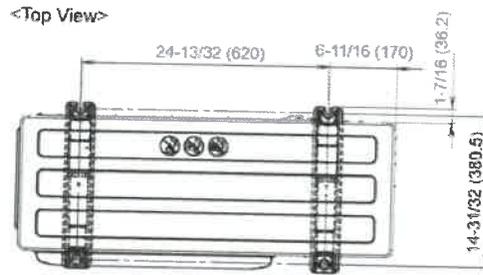
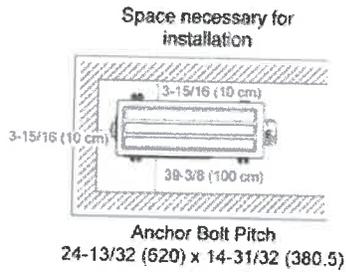


Latent Capacity (BTU/H)	2,160
SEER	18.5
Amps (A)	19.0-17.2
Max. Amps (A)	21.3
Power Inputs (KW)	3.75
Max. Inputs (W)	3,750
<b>Outdoor Sound Rating (dB-A)</b>	<b>55</b>
<b>Heating</b>	
Total Capacity (BTU/H)	37,800 [11,600-49,500]
HSPF	10
Amps (A)	14.8 - 13.4
Power Inputs (W)	2,900
<b>Outdoor Sound Rating (dB-A)</b>	<b>55</b>

Performance Data @ ARI Standard Conditions (208/230V)	
High Heat @ 47F	37,800
Low Heat @ 17F	28,000
<b>Cooling</b>	
Total Capacity (BTU/H)	36,000 [9,900 - 39,000]
Sensible Capacity (BTU/H)	33,840

Operating Range	
Cooling (Max)	114F DB/78F WB
Cooling (Min)	14F DB/ - WB
Heating (Max)	75.2F DB/64F WB
Heating (Min)	-5F DB/-6.8F WB

# Dimensions



Unit: inch (mm)

## Panasonic

Panasonic North America  
2 Riverfront Plaza  
Newark, NJ 07102  
[us.panasonic.com/hvac](http://us.panasonic.com/hvac)

Panasonic Canada Inc.  
5770 Ambler Drive  
Mississauga, ON, L4W 2T3  
[na.panasonic.com/ca/hvac](http://na.panasonic.com/ca/hvac)

## Samsung FJM Series, 3 Port Condensing Unit

Job Name Market Street  
 Purchaser Bob Gale  
 Submitted to \_\_\_\_\_  
 Unit Designation \_\_\_\_\_

Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Reference  Approval  Construction   
 Schedule # \_\_\_\_\_



Model	US Code	JXH24J3B	
	Model Number	AJ024BXJ3CH/AA	
Performance	Capacity (min. / standard / max.)	Cooling (Btu/h)	6,500 / 22,000 / 22,000
		Heating (Btu/h)	4,300 / 25,000 / 29,600
	SEER (Ducted / Mixed / Non-ducted) <sup>1</sup>	17.0 / 18.0 / 19.0	
	EER (Ducted / Mixed / Non-ducted) <sup>1</sup>	10.1 / 11.4 / 12.7	
	HSPF (Ducted / Mixed / Non-ducted) <sup>1</sup>	9.0 / 9.5 / 10.0	
	SEER2 (Ducted / Mixed / Non-ducted) <sup>2</sup>	17.5 / 18.5 / 19.5	
	EER2 (Ducted / Mixed / Non-ducted) <sup>2</sup>	10.1 / 11.4 / 12.7	
HSPF2 (Ducted / Mixed / Non-ducted) <sup>2</sup>	8.2 / 8.5 / 8.8		

Power	Voltage	(ø)V/Hz	1 / 208-230 / 60
	Nominal Current <sup>3</sup>	Cooling (A)	8.3
		Heating (A)	8.5
	Max. Breaker	Amps	25
Minimum Circuit Ampacity (A)		19.5	

Dimensions	W X H X D	Inches	34 5/8 X 31 7/16 X 12 3/16
	Weight	lbs.	125.7

Noise Level	Cooling (Max.)	dB (A)	48
	Heating (Max.)	dB (A)	51

Operating Temperatures	Cooling	14 ~ 114.8°F (-10 ~ 46.0°C)
	Heating	5 ~ 75°F (-15 ~ 24.0°C)

Pipe Connections	High Side	1/4" X 3		
	Low Side (suction)	3/8" X 1 + 1/2" X 2		
	Maximum Individual Line Set Length	82 ft		
	Maximum Line Set Length (total)	230 ft		
	Maximum Vertical Separation	Outdoor to Indoor	49 ft	
		Highest to Lowest Indoor	25 ft	
Included Pipe Adapter	2 - 1/2" X 3/8"			

Condenser Fan	Motor	BLDC With Propeller Fan (1)	
	Output	Watts / FLA	125 / 1.28
CFM		1,667	

Compressor	Type	Twin BLDC Rotary Inverter	
	RLA	Amps	13.3

Heat Exchanger	Type	Aluminum Fin - Copper Tube
----------------	------	----------------------------

Refrigerant	Type	R410A	
	Control Method	Electronic Expansion Valve	
	Factory Charge	93.44 oz	
	Charged for	131 ft	
Additional Refrigerant	0.11 oz/ft over 131 ft		

Accessories	Wall Bracket	<input type="checkbox"/>	CKN-250
	Wind Baffle	Front	<input type="checkbox"/> WBF-7M
		Back	<input type="checkbox"/> WBB-7M-B

Certifications	Safety	ETL (UL 60335-2-40)
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Warranty	10 Years compressor, 10 year parts, 1 year limited labor (registration required)
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### General Information

- Auto or manual addressing of indoor units
- The outdoor unit shall supply power individually to the indoor units via 14/3 AWG power wire
- Auto-restart after power loss
- Available maximum current setting option to reduce operating current
- System energy consumption can be viewed using Samsung SmartThings mobile app (not revenue grade, for reference only)
- Soft-start to reduce current demand during compressor start
- Optional snow accumulation prevention setting to prevent snow drifting against idle outdoor units

### Construction

- The outdoor unit shall be galvanized steel with a baked on powder coated finish for durability

### Heat Exchanger

- The heat exchanger shall be mechanically bonded fin to copper tube

### Controls

- Control signal shall be a DDC type signal
- Interconnecting control wire between outdoor and indoor units shall be 16/2 AWG
- The system shall integrate with Samsung Controls Solution without the use of an interface module

### Refrigerant System

- The refrigerant shall be R410A
- The compressor shall be hermetically sealed, inverter controlled, Twin Rotary BLDC
- Refrigerant flow shall be controlled by 3 separate electronic expansion valves at outdoor unit

### Compatibility

AR\*\*TSFABWKNCV (RNS\*\*ABT): 7,000 – 18,000 Btu/h models  
 AR\*\*BSFCMWKNCV (RNS\*\*CMB): 7,000 – 18,000 Btu/h models  
 AR\*\*TSFYBWKNCV (RNS\*\*YBT): 7,000 – 18,000 Btu/h models  
 AC0\*\*BNNDCH/AA (CNH\*\*NDB): 9,000 – 18,000 Btu/h models  
 AC0\*\*BN1DCH/AA (CNH\*\*1DB): 9,000 – 12,000 Btu/h models  
 AC0\*\*BNJDCH/AA (CNH\*\*JDB): 9,000 – 18,000 Btu/h models  
 AC0\*\*BNLDCH/AA (CNH\*\*LDB): 9,000 – 18,000 Btu/h models  
 AC012BNZDCH/AA (CNH12ZDB)  
 AJ0\*\*BNHDCH/AA (JNH\*\*HDB): 9,000 - 15,000 Btu/h models

Refer to the engineering Technical Data Book for allowed indoor unit combinations

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGYSTAR criteria. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov)

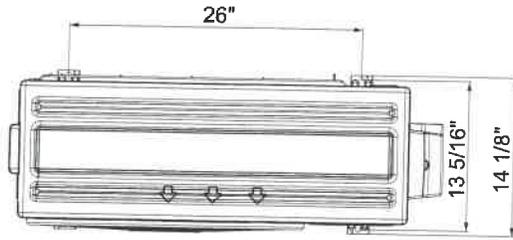
<sup>1</sup>Performance data certified by AHRI to AHRI 210-240 (2017) with Addendum 1.  
<sup>2</sup>Performance data certified by AHRI to AHRI 210-240 (2023). Effective January 1st, 2023.  
<sup>3</sup>Rated current based on highest combination ratio of non-ducted indoor units.

This publication reflects both the 1987 Appendix M metric (SEER) and the 2023 Appendix M1 metric (SEER2). Efficiency requirements are published at 10 C.F.R. 430.32(c). Please refer to [www.AHRInet.org](http://www.AHRInet.org) for more information about updated energy metrics.

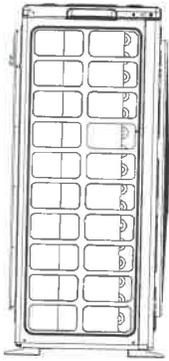
Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice. Refer to [www.AHRIdirectory.org](http://www.AHRIdirectory.org) for current reference numbers.

Note: Qualification for ENERGYSTAR requires use of non-ducted indoor units.

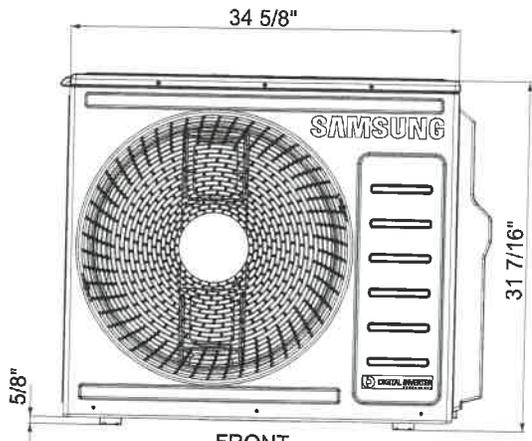




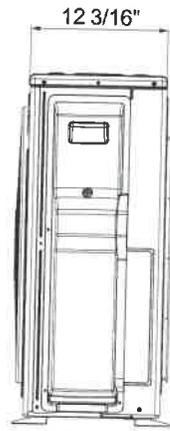
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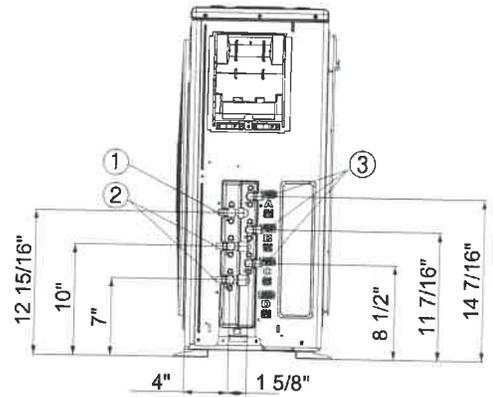
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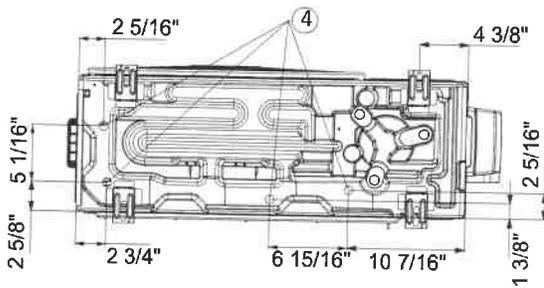
FRONT



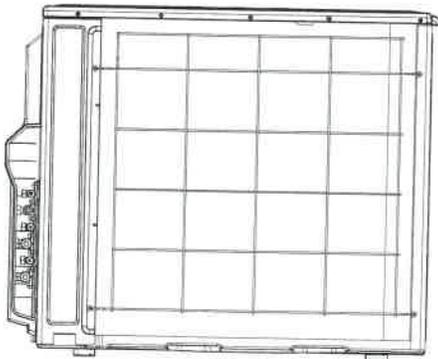
RIGHT



BOTTOM



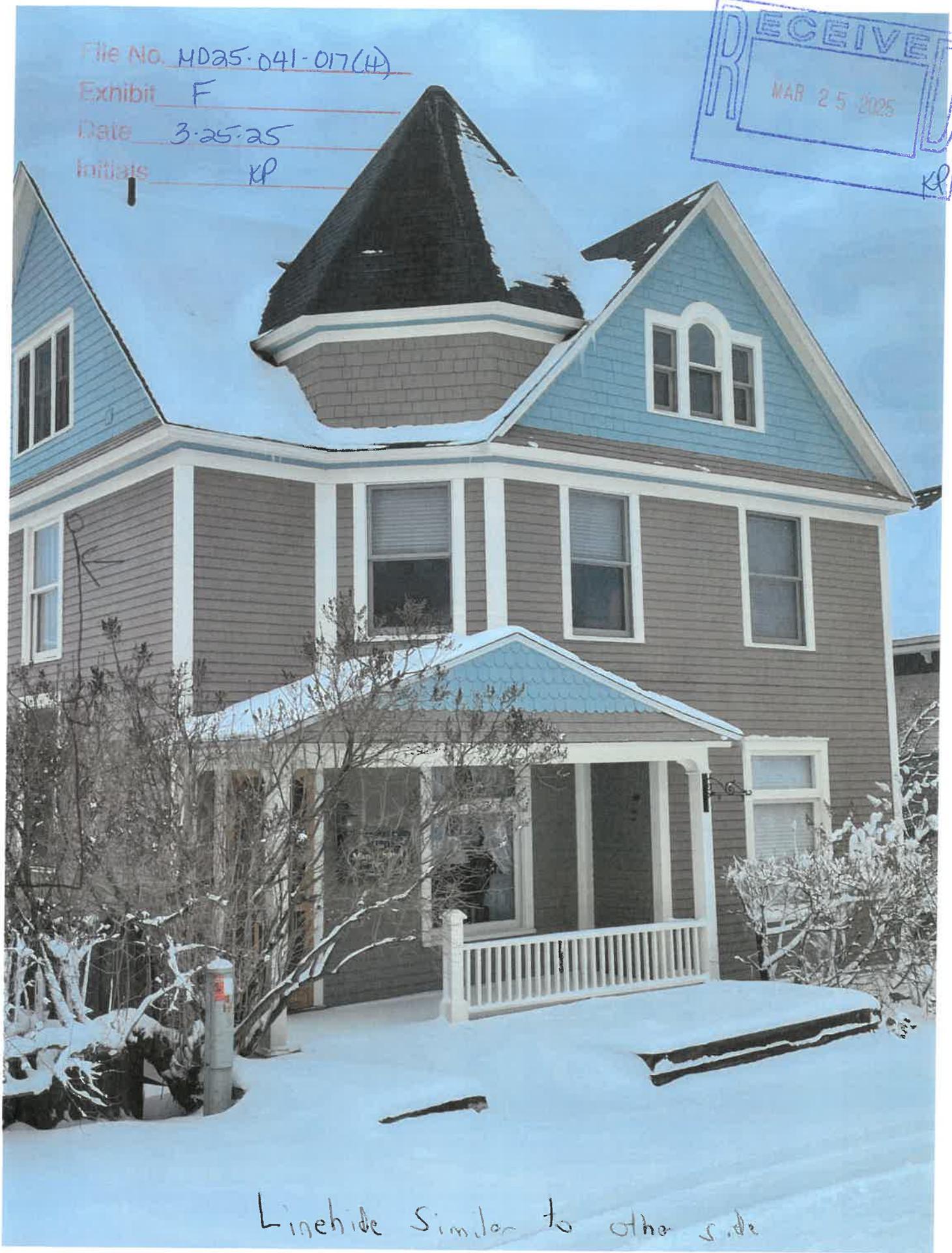
BACK



No.	Name	Description
1	Refrigerant suction pipes	ø3/8" x 1 each
2		ø1/2" x 2 each
3	Refrigerant liquid pipes	ø1/4" x 3 each
4	Drain holes	Connection with provided drain fitting

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Exhibit F  
Date 3-25-25  
Initials KP

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Linehide similar to other side







