57 Mt. Vernon Street

CITY OF PORTSMOUTH
Historic District Commission
Public Hearing
October 2, 2019

Rendering of Proposed Design
SITE PLAN

1208 SF EXISTING HOUSE
PROPOSED 74 SF DECK
PROPOSED 471 SF SECOND STORY ON EXISTING FOOTPRINT

57 MT. VERNON STREET
HDC HEARING OCTOBER 2019

SUBDIVISION PLAN
57 MT. VERNON STREET
HDC HEARING OCTOBER 2019
57 MT. VERNON STREET
HDC HEARING OCTOBER 2019
57 MT. VERNON STREET
HDC HEARING OCTOBER 2019
VIEWS OF EXISTING

1 WEST/FONT FACADE
2 SOUTH FACADE
3 SOUTHEAST VIEW OF REAR FACADE
4 NORTHEAST VIEW
5 NORTHWEST VIEW

Original Carriage House with Apartment

2004 Re-Construction Work

EXISTING FRONT ELEVATION (EAST)
EXISTING ELEVATIONS  
SCALE: 1/8” = 1’-0”
PROPOSED MASSING IN CONTEXT

1) VIEW NORTH UP MT. VERNON STREET

2) VIEW NORTH UP MT. VERNON STREET

3) VIEW NORTHEAST AT HOUSE

4) VIEW SOUTH DOWN MT. VERNON STREET FROM CITY HALL PARKING LOT
PROPOSED DOUBLE HUNG AND AWNING WINDOWS AT NEW CONSTRUCTION

EXISTING WINDOWS TO REMAIN

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**ENERGY DATA**

<table>
<thead>
<tr>
<th>Glass Type</th>
<th>U-Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulated Glass - Low E1 - Air</td>
<td>0.33</td>
</tr>
<tr>
<td>Insulated Glass - Low E2 - Argon</td>
<td>0.29</td>
</tr>
</tbody>
</table>

All Ultrex Casement / Awning

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**AUTHENTIC DIVIDED LIGHT – 1½” Thick Sash**

- Featuring Historically Correct Mullion Bars (¾” wide)
- Traditional Putty Glazed
- Available in 1/1 or Divided Light Layouts
  - Wood Sash – Clear Pine Interior, Preservative Treated, Primed Exterior
  - Single Thick Glass (SSB)
  - Single Thick Glass (SSB) w/Low-E Energy Panel applied

**NFRC Ratings**

<table>
<thead>
<tr>
<th>Type</th>
<th>U-Value</th>
<th>SHGC</th>
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</thead>
<tbody>
<tr>
<td>Single Thick Glass (SSB) w/Low-E Energy Panel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/1 Light</td>
<td>0.40</td>
<td>0.53</td>
</tr>
<tr>
<td>Authentic Divided Lt</td>
<td>0.42</td>
<td>0.48</td>
</tr>
</tbody>
</table>

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**SCREENS: FULL HEIGHT WITH EQUAL SASH DIVIDING BAR**

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57 MT. VERNON STREET

MANYPENNY | MURPHY ARCHITECTURE

HDC HEARING OCTOBER 2019

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72 COURT STREET, PORTSMOUTH, NH 03801
**Windows Continued**

**Essential Casement / Awning**

### Unit Features

- **Essential Casement:** ESCA
- **Essential Awning:** ESAWN
- **Essential Casement Picture:** ESCAP
- **Essential Casement Transom:** ESCATR

For applicable certification and code information, refer to the Introduction and Product Performance chapter.

### Frame and Sash:

- **Casement Hardware:**
  - **Frame and Sash:**
    - **Essential Casement Transom:** ESCATR
    - **Essential Casement Picture:** ESCAP
    - **Essential Awning:** ESAWN
    - **Unit Features Continued**

#### Unit Features Continued

- **Frame:**
  - **Composite frame thickness is 1 1/2" (38). Total frame depth is 3 3/32" (79). Ultrex is 0.070" - 0.077" (2) thick. Sash can be replaced by not reglazed.
  - **Sash:**
    - **Composite sash thickness is 15/16" (24). Ultrex is 0.070" - 0.077" (2) thick. Sash can be replaced by not reglazed.

- **Jamb Extension:**
  - **Standard jamb depth is 2" (51). 4 9/16" (116) and 6 9/16" (167) maintenance free jamb extension available.

### Casement Hardware:

- **Hardware finishes available in Stone White, Almond Frost, Brass, Satin Nickel, Matte Black, and Oil Rubbed Bronze**
- **Dual arm roto hardware factory installed on casement units**
- **Roto gear hardware is an E-coated, high strength, low alloy steel**
- **Roto gear hardware is an E-coated high strength, low alloy steel**
- **Call number 16 and 20, and frame sizes up to RO 25" (635) wide require dyad operators.**
- **Roto gear hardware is an E-coated high strength, low alloy steel**

#### Factory applied folding nailing fin

- **Glazing:**
  - **Dual-pane units are manufactured with an 11/16" (17) IG with Low E1, E2, E3, E3/ERS, or no coating including argon gas fill.**
  - **Tempered glass and/or obscure glass, and California Fire glass (annealed exterior and tempered interior glazing configuration) are available as an option.**
  - **Insulating glass is manufactured and tested.**
  - **The glazing seal is a silicone bedding on the exterior surface and vinyl glazing seal on the interior surface in a one-piece sash.**
  - **StC/StCtC values are available for 3.1 mm thickness glass.**
  - **Optional 3 1/4" STC/DTC upgrade glass is available. See the Product Performance chapter for STC and DTC ratings.**
  - **Decorative glass options include glass chip, rain, reed, narrow reed, frost, and tinted (bronze, gray or green). Decorative glass is not available with Low E1, Low E3/ERS, or STC/STCtC.**

### Weather Strip:

- **All units are dual weather stripped.**
  - **The primary weather strip is a black extruded PVC beam filled bulb that attaches to all four sides of the frame.**
  - **The secondary weather strip is a black extruded PVC hollow that is attached to the sash.**

### Insect Screen:

- **Charcoal fiberglass (non-corrosive) screen cloth.**
- **Roll formed aluminum frame finish**
  - **Available in Stone White, Bronze or Ebony (matches unit interior color).**
- **Features a bottom rail lift and top rail mounted springs that allow it to be removed from the interior of the unit.**

### Grilles-Between-The-Glass (GBG):

- **23/32" (14) contoured aluminum bar placed between two panes of glass**
- **Patterns: Rectangular, 6 or 9 lite Prairie cut, or Cottage style**
- **Exterior colors: Stone White, Pebble Gray, Bronze, Evergreen, Cashmere, or Ebony**
- **Interior colors: Stone White, Bronze, or Ebony (matches unit interior color) **
- **GBG is not available with tinted glass.**

### Installation:

- **Factory applied folding nailing fin**
- **Optional installation brackets for masonry applications are available**
- **Optional through jamb installation method**
- **Factory supplied field muting kits are available for standard assemblies**

### Accessories:

- **Field applied j-channel, a 1" (25) or a 3" (76) frame expander, or flush fin installation kit.**
- **Factory applied: sheet rock return 1/2" (13) or 5/8" (16) drywall, a 3/4" (19) receiver, a frame filler or a flush fin.**
- **Sheet rock return and 3/4" receiver are available for all interior color selections.**
- **Charcoal fiberglass (non-corrosive) screen cloth.**
- **Roll formed aluminum frame finish**
  - **Available in Stone White, Bronze or Ebony (matches unit interior color).**
- **Features a bottom rail lift and top rail mounted springs that allow it to be removed from the interior of the unit.**

### Exterior Casing:

- **Non-integral to the unit.**
- **Fastened to the exterior wall with brick and kerf: 2" (51) brick mold as a full surround or with all nailing.**
- **3 1/2" (89) flat casing available as full surround or with sill nosing.**

### Fastened to the exterior wall with barb and kerf: 2" (51) brick mould as a full surround or with sill nosing.

### Optional coastal hardware is available.

### Field applied: sheet rock return 1/2" (13) or 5/8" (16) drywall, a 3/4" (19) receiver, a frame filler or a flush fin.

### Optional coastal hardware is available.

### NOTE: NFRC values are now located on www.marvin.com
## M-SERIES CONDENSER UNIT AND EXHAUST VENT COVERS

### ACCESSORIES
- □ 3/8" x 1/2" Port Adapter (MAC-A454JP-E)
- □ 1/2" x 3/8" Port Adapter (MAC-A455JP-E)
- □ 1/2" x 5/8" Port Adapter (MAC-A456JP-E)
- □ 1/4" x 3/8" Port Adapter (PAC-493PI)
- □ 3/8" x 5/8" Port Adapter (PAC-SG76RJ-E)
- □ M-NET Adapter (PAC-IF01MNT-E)
- □ Base Heater (PAC-645BH-E)

### SUBMITTAL DATA: MXZ-3C30NA2

#### MXZ-3C30NA2 MULTI-INDOOR INVERTER HEAT-PUMP SYSTEM

<table>
<thead>
<tr>
<th>Specifications Model Name</th>
<th>Unit Type</th>
<th>Cooling* (Non-ducted / Ducted)</th>
<th>Heating at 47°F* (Non-ducted / Ducted)</th>
<th>Heating at 17°F* (Non-ducted / Ducted)</th>
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</thead>
<tbody>
<tr>
<td>Rated Capacity Btu/h</td>
<td></td>
<td>28,400 / 27,400</td>
<td>28,600 / 27,600</td>
<td>16,000 / 15,100</td>
</tr>
<tr>
<td>Capacity Range Btu/h</td>
<td></td>
<td>12,600-28,400 / 12,600-27,400</td>
<td>11,400-36,000 / 11,400-35,000</td>
<td>8,500-15,100</td>
</tr>
<tr>
<td>Rated Total Input W</td>
<td></td>
<td>2,680 / 2,860</td>
<td>2,150 / 2,220</td>
<td>2,120 / 2,140</td>
</tr>
<tr>
<td>Voltage Indoor - Outdoor S1-S2 V</td>
<td></td>
<td>208 / 230</td>
<td>208 / 230</td>
<td>208 / 230</td>
</tr>
<tr>
<td>Outdoor S2-S3 V</td>
<td></td>
<td>±24</td>
<td>±24</td>
<td>±24</td>
</tr>
</tbody>
</table>

### Outdoor Unit: MXZ-3C30NA2

- Coolant: R410A
- Connection Method: Flared/Flared
- Refrigerant Pipe Size O.D. Liquid (High Pressure): 1/4 (12.7)
- Gas (Low Pressure): A: 1/2 (6.35); B,C: 3/8 (9.52)
- Max. Refrigerant Line Length Ft (m): 230 (70)
- Max. Piping Length for Each Indoor Unit Ft (m): 82 (25)
- Max. Refrigerant Pipe Height Difference: If IDU is Above ODU Ft (m): 49 (15)
- Connection Method: Flared/Flared

### Well-built Aesthetics
Low profile and clean lines help enhance exterior beauty. With a 26 gauge Galvanized and powder coated steel body, the Dryer Wall Vent is the last vent a home will ever need.

### Ease of Installation
Engineered for a quick, perfect fit in both retrofit and new construction, total replacement time can be as low as four minutes.

### Airflow Efficiency
The light-weight damper and clean opening maximize efficiency and exceed all code requirements. Less airflow restriction saves on energy bills, drying time and appliance wear.

### Efficient, Low Profile Termination
- Lightweight Damper Reduces Airflow Restriction
- Balanced Magnets Deter Bird and Rodent Intrusion
- Damper Easily Accommodates Cleaning Equipment
- Excellent Design Features for Safe Venting

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**High-Performance Low-Profile Termination**

**Lasting Beauty**

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**Efficient, Low Profile Termination**

- Lightweight Damper Reduces Airflow Restriction
- Balanced Magnets Deter Bird and Rodent Intrusion
- Damper Easily Accommodates Cleaning Equipment
- Excellent Design Features for Safe Venting
**Lineset Covers**

Professional grade ducting, protects and hides unsightly mini-split linesets in a snap!

**Fortress:** Standard professional grade • Satin finish • More moderate price point

- 2 sizes: Duct & fittings available in both 3½” or 4½”
- 4 colors: Choose white, ivory, brown or gray
- 17 fittings: Assures complete flexibility of installation
- 8 lengths: 6 lengths per box
- 6 fittings per box: Efficient ordering and inventory
- 1 year warranty

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**3-Step Installation**

**Step 1.** Secure base

**Step 2.** Place lineset

**Step 3.** Clip on covers

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**4 Colors for Residential & Commercial Applications**

- **White**
- **Ivory**
- **Gray**
- **Brown**

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**Lineset Ducting System**

Professional grade ducting, protects and hides unsightly mini-split linesets in a snap!

**Contact:** RectorSeal®

713-263-8001    800-231-3345             713-263-7577    800-441-0051            www.rectorseal.com

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**Technical Information**

**Weather Resistance**

Weather resistant PVC, UV stabilized & fire resistant. Tested to over 2,000 hours.

**Temperature Range**

-4°F to 140°F

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**Size Specifications**

Choose duct size

LD92 or LD122
ASPHALT SHINGLE ROOFING by CertainTeed

The Trusted Classic

LANDMARK®

Owning a Landmark roof brings peace of mind. Landmark’s heavy weight and exceptional reliability make it a ‘Best Buy’ by a leading Consumer Magazine.

• Dual-layered for extra dimensionality and protection from the elements
• Offers the widest array of colors in the industry
• Independently certified as meeting the highest quality standards for roofing

See next page for full color palette.

Strength with Style

LANDMARK®

• Dual-layer durability
• 228 lbs. per square
• Industry-best lifetime limited warranty
• 10-year StreakFighter® algae-resistance warranty

LANDMARK® PRO

• Dual-layer, high performance
• 250 lbs. per square
• Max Def color palette
• Industry-best lifetime limited warranty
• 15-year StreakFighter® algae-resistance warranty

LANDMARK® PREMIUM

• Dual-layer, high performance
• 300 lbs. per square
• Max Def color palette
• Industry-best lifetime limited warranty
• 15-year StreakFighter® algae-resistance warranty

LANDMARK SERIES

SPECIFICATIONS

• Two-piece laminated fiberglass-based construction
• Classic shades and dimensional appearance of natural wood or slate

CertainTeed products are tested to ensure the highest quality and comply with the following industry standards:

Fire Resistance:
• UL Class A
• UL certified to meet ASTM D3018 Type 1

Wind Resistance:
• UL certified to meet ASTM D3018 Type 1
• ASTM D3161 Class F

Tear Resistance:
• UL certified to meet ASTM D3462
• CSA standard A123.5

Wind Driven Rain Resistance:
• Miami-Dade Product Control Acceptance:
  Please reference www.certainteed.com to determine approved products by manufacturing location.

Quality Standards:
• ICC-ES-ESR-1389 & ESR-3537

WARRANTY

• Lifetime limited transferable warranty against manufacturing defects on residential applications
• 50-year limited transferable warranty against manufacturing defects on group-owned or commercial applications
• StreakFighter® algae-resistance warranty (10-year – Landmark, 15-year – Landmark PRO and Premium)
• 10-year SureStart™ protection
• 15-year 110 mph wind-resistance warranty
• Wind warranty upgrade to 130 mph available. CertainTeed starter and CertainTeed hip and ridge required

See actual warranty for specific details and limitations.