HDC

ADMINISTRATIVE APPROVALS

February 10, 2021

- 1. 58 South Street (LUHD-267)
- 2. 76 South School Street (LUHD-269)
- 3. 16 Porter Street (LUHD-270)
- 4. 46 Maplewood Avenue (LUHD-271)
- 5. 56 Dennett Street (LUHD-272)
- 6. 82 Court Street (LUHD-268)

- Recommended Approval
- Recommended Approval
- TBD
- Recommended Approval
- Recommended Approval
- Recommended Approval

1. 58 South Street

- Recommended Approval

<u>Background</u>: The applicant is seeking approval to replace a first floor bay window with two double hung windows, replace an existing second floor bathroom window, replace two additional first floor double hung windows, replace existing hood vent, and add new kitchen vent.

Staff Comment: Recommended Approval

Stipulations

Y Y



02/04/2021

LUHD-267

Historic District Commission Work Session or Administrative Approval Application

Status: Active

Date Created: Jan 28, 2021

Applicant

Jay Lawrie jay.lawrie13@gmail.com 270 MEADERBORO RD **FARMINGTON. NH 03835-4410** 6033124729

Location

58 SOUTH ST Portsmouth, NH

Owner:

NATKIEL LUCIANNA PO BOX 238, null, HILL, NH 03243

Application Type

Please select application type from the drop down menu below Work Session

Project Information

Brief Description of Proposed Work

#1. Back of house. Replace bay window in kitchen (48"x36") with 2 Marvin double hung windows please see attached. Replace double hung window in 2nd story bathroom with Marvin dbl hung. Remove old vent hood and install new in same wall-see attached Left side, first floor, replace 2 windows with Marvin dbl hung- see attached Kitchen vent to exit roof on back side - can't see from ground- see attached

Description of Proposed Work (Planning Staff)

Acknowledgement

I certify that the information given is true and correct to the best of my knowledge.

 \square

Product availability and pricing subject to change.

LAWRIE, JAY PORTSMOUTH

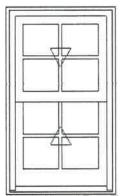
Quote Number: WFXXX6B

LINE ITEM QUOTES

The following is a schedule of the windows and doors for this project. For additional unit details, please see Line Item Quotes. Additional charges, tax or Terms and Conditions may apply. Detail pricing is per unit.

Line #1	Mark Unit:	Net Price:		1,018.12
Qty: 1		Ext. Net Price:	USD	1,018.12

MARVIN®



As Viewed From The Exterior

Entered As: CN
CN 1614
FS 21 1/4" X 35 1/2"
RO 22 1/4" X 36"
Egress Information
Width: 17 21/32" Height: 12 11/16"
Net Clear Opening: 1.56 SqFt
Performance Grade
Licensee #1127
AAMA/WDMA/CSA/101/ I.S.2/A440-08
LC-PG50 1149X2223 mm (45.3X87.5 in)
LC-PG50 DP +50/-50
FL17635

Stone White Clad Exterior Primed Pine Interior Back Prime Ultimate Double Hung G2 CN 1614 Rough Opening 22 1/4" X 36" Top Sash Stone White Clad Sash Exterior Primed Pine Sash Interior IG Low E2 w/Argon Black Perimeter and Spacer Bar 5/8" SDL - With Spacer Bar - Black Rectangular - Standard Cut 2W2H Stone White Clad Ext - Primed Pine Int Ogee Interior Glazing Profile **Bottom Sash** Stone White Clad Sash Exterior Primed Pine Sash Interior Low E2 w/Argon Black Perimeter and Spacer Bar 5/8" SDL - With Spacer Bar - Black Rectangular - Standard Cut 2W2H Stone White Clad Ext - Primed Pine Int Ogee Interior Glazing Profile White Interior Weather Strip Package White Exterior Weather Strip Package White Sash Lock White Top Sash Strike Plate Assembly Color Aluminum Screen Stone White Surround Charcoal Fiberglass Mesh ***Screen/Combo Ship Loose 4 9/16" Jambs

Replace ***Note: Unit Availability and Price is Subject to Change
Kitchen Bumpout w - 2 CN1614

Initials required

Seller:

Buyer: ____

Line #2	Mark Unit:	Net Price:		1,075.79
Qty: 1		Ext. Net Price:	USD	1,075.79

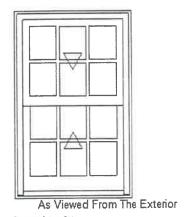
MARVIN 45

Stone White Clad Exterior
Primed Pine Interior
Back Prime
Ultimate Double Hung G2
CN 2016
Rough Opening 26 1/4" X 40"
Top Sash
Stone White Clad Sash Exterior
Primed Pine Sash Interior
IG
Low E2 w/Argon

OMS Ver. 0003.06.00 (Current)

Product availability and pricing subject to change.

LAWRIE, JAY **PORTSMOUTH** Quote Number: WFXXX6B



Entered As: CN CN 2016 FS 25 1/4" X 39 1/2" RO 26 1/4" X 40" Egress Information Width: 21 21/32" Height: 14 11/16" Net Clear Opening: 2.21 SqFt Performance Grade Licensee #1127 AAMA/WDMA/CSA/101/ I.S.2/A440-08 LC-PG50 1149X2223 mm (45.3X87.5 in) LC-PG50 DP +50/-50 FL17635

Black Perimeter and Spacer Bar 5/8" SDL - With Spacer Bar - Black Rectangular - Standard Cut 3W2H Stone White Clad Ext - Primed Pine Int Ogee Interior Glazing Profile **Bottom Sash** Stone White Clad Sash Exterior Primed Pine Sash Interior IG Low E2 w/Argon Black Perimeter and Spacer Bar 5/8" SDL - With Spacer Bar - Black Rectangular - Standard Cut 3W2H Stone White Clad Ext - Primed Pine Int Ogee Interior Glazing Profile White Interior Weather Strip Package White Exterior Weather Strlp Package White Sash Lock White Top Sash Strike Plate Assembly Color Aluminum Screen Stone White Surround Charcoal Fiberglass Mesh
***Screen/Combo Ship Loose 4 9/16" Jambs Nailing Fin ***Note: Unit Availability and Price is Subject to Change

> Initials required Seller: ____ Buyer: ____

2,093.91 Project Subtotal Net Price: USD

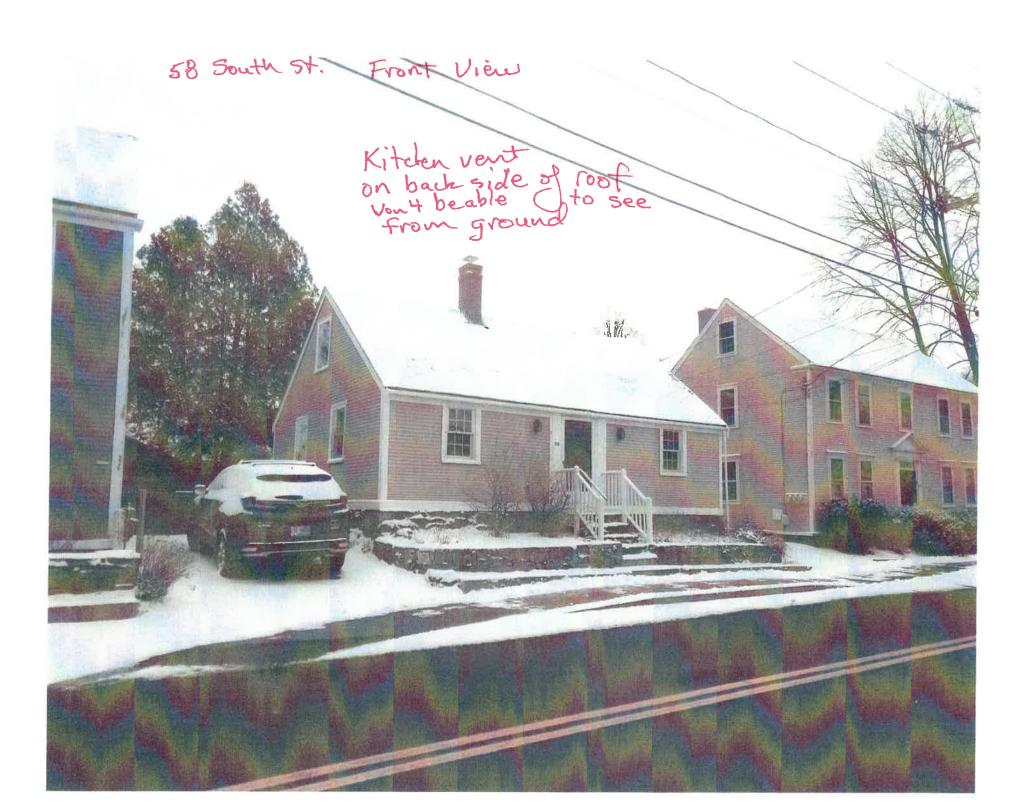
0.000% Sales Tax: USD 0.00 2,093.91

Project Total Net Price: USD

Left side Windows

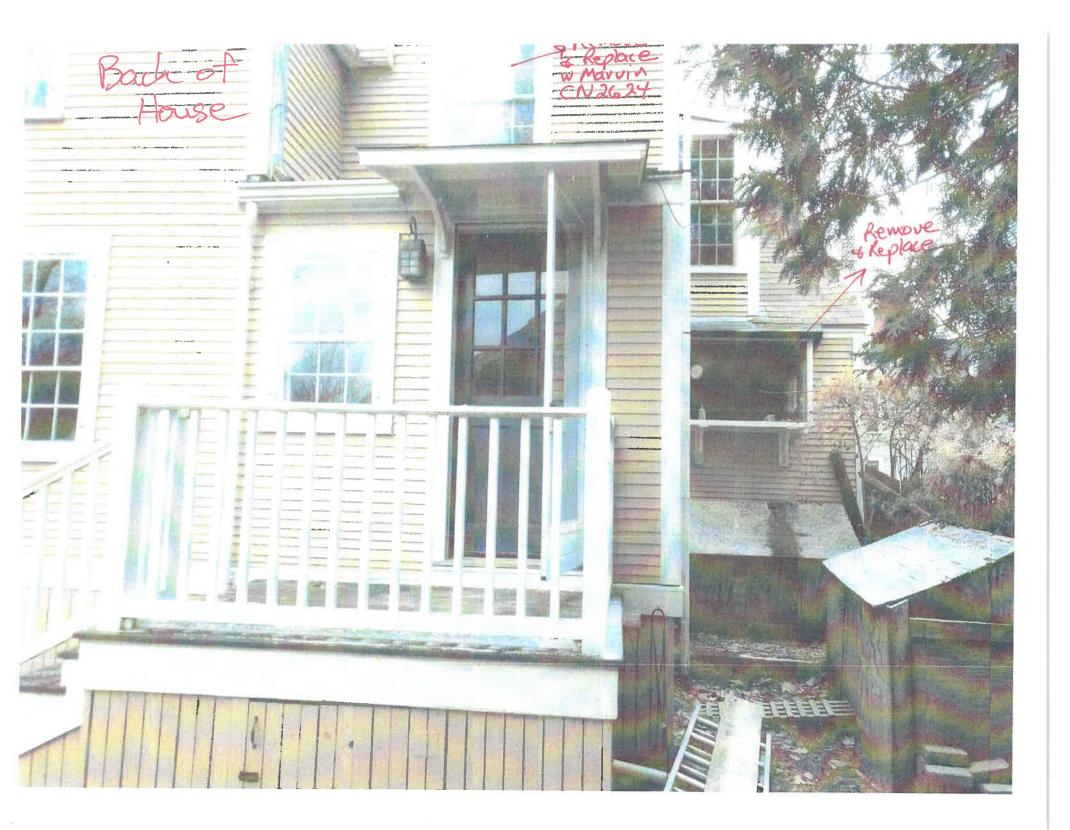
Processed on: 1/11/2021 2:17:58 PM

Page 4 of 5











2. 76 South School Street - Recommended Approval

Background:	The applicant is seeking approval to replace the existing mixed material
fencing with	new cedar wood fencing.

Staff Comment: Recommended Approval

Stipulations	Sti	υd	lati	ons	•
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02/04/2021

LUHD-269

Historic District Commission Work Session or Administrative Approval Application

Status: Active Date Created: Jan 31, 2021

Applicant

Ian Ciesla ian.ciesla@gmail.com 78 S. School Street Portsmouth, NH 03801 5164572682

Location

76 SOUTH SCHOOL ST Portsmouth, NH

Owner:

CIESLA IAN & BRADT ERIN 76 SOUTH SCHOOL ST, null, PORTSMOUTH, NH 03801

Application Type

Please select application type from the drop down menu below Administrative Approval

Project Information

Brief Description of Proposed Work

Replace very damaged existing fence of mixed materials (containing: old chain-link, broken lattice, stockade fence and black plastic tarp) with a new consistent wooden cedar fence. Rear of property is between two abutting parking lots and a city owned pathway (from Humphreys Court Extension to South School st). New wooden fence is intended to solve for the existing fence eyesore and provide privacy and security for property owners and their pet dog (who can jump quite high). Additionally, this new fence will provide a better neighborhood experience for the mentioned path traffic, onlookers and especially abutting neighbors. Proposing a 6' tall cedar privacy fence. The 6' height will step down to 4' along one side of the house (see attached details).

Description of Proposed Work (Planning Staff)

Request for HDC Administrative Approval

Replacement Fence

Amended: 01/26/21

Property:

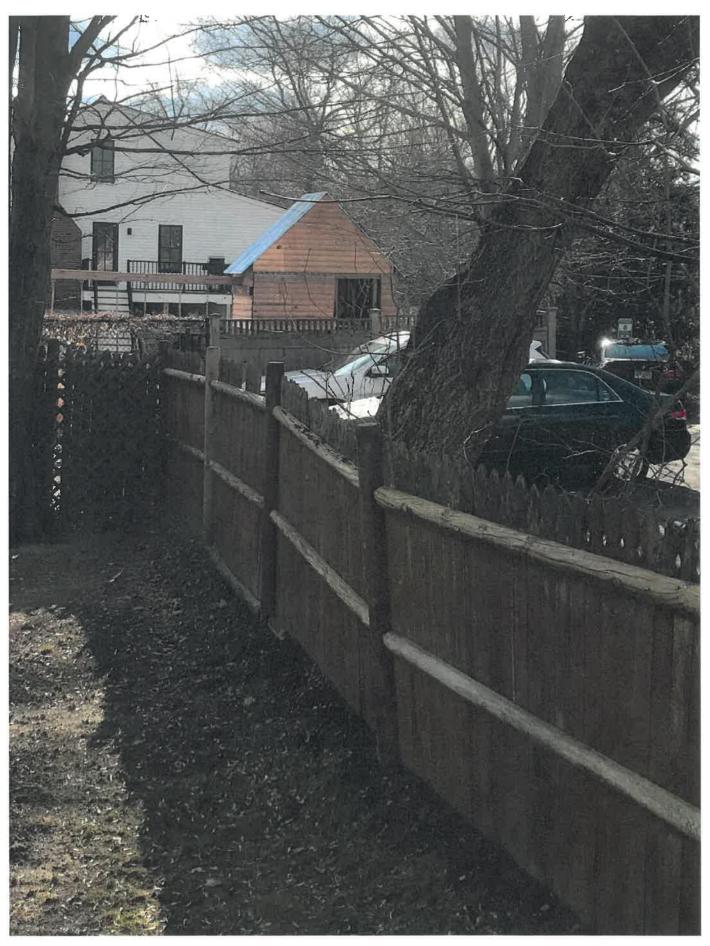
76 S School Street / 0101-0062

Property Owners:

Ian Ciesla Erin Bradt

Existing Fence Conditions:

Photographs



Existing Fence Conditions



Existing Fence Conditions



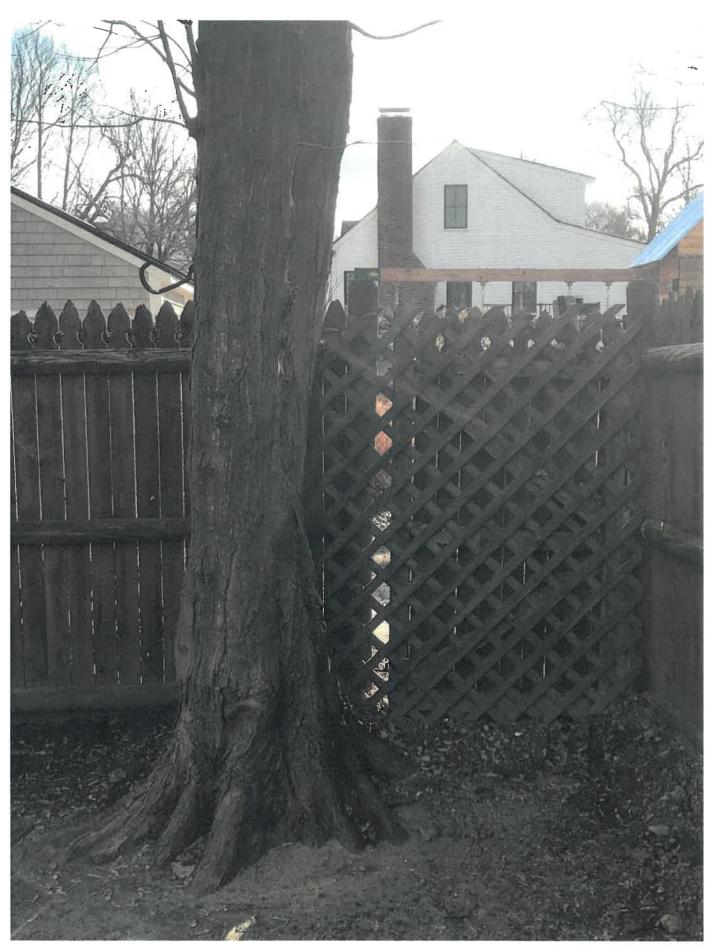
Existing Fence Conditions

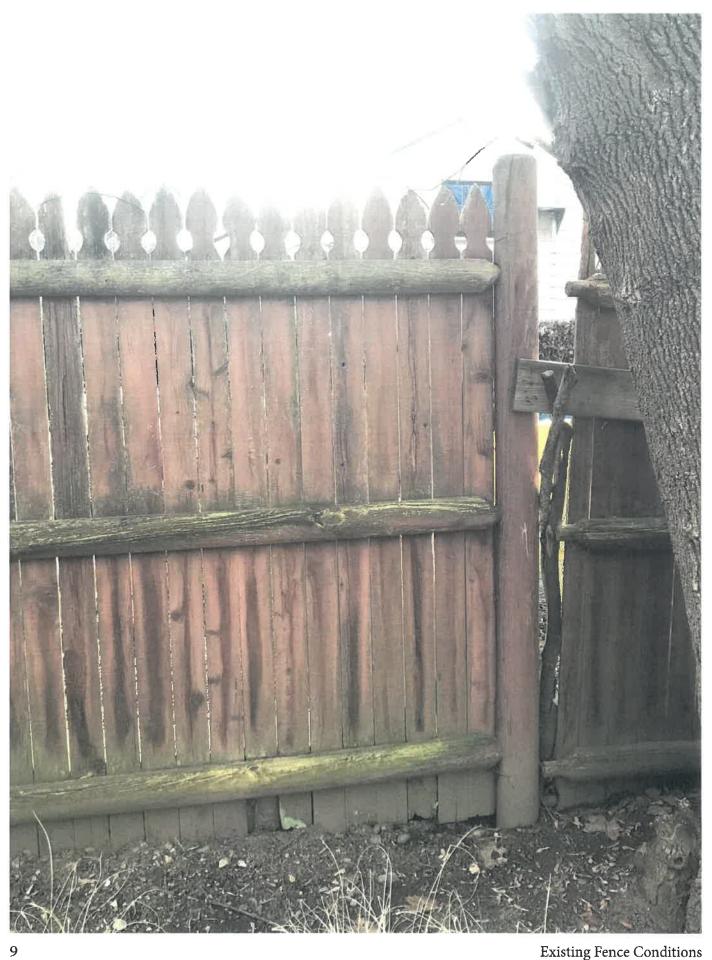


Existing Fence Conditions

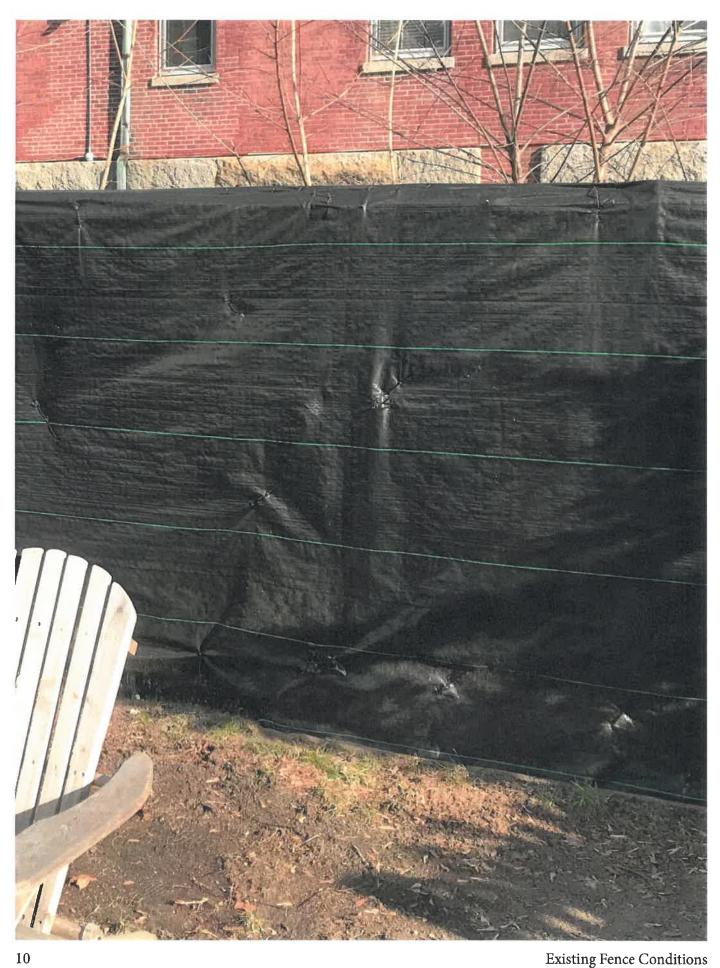


Existing Fence Conditions





Existing Fence Conditions





Existing Fence Conditions





Existing Fence Conditions



Existing Fence Conditions



Existing Fence Conditions

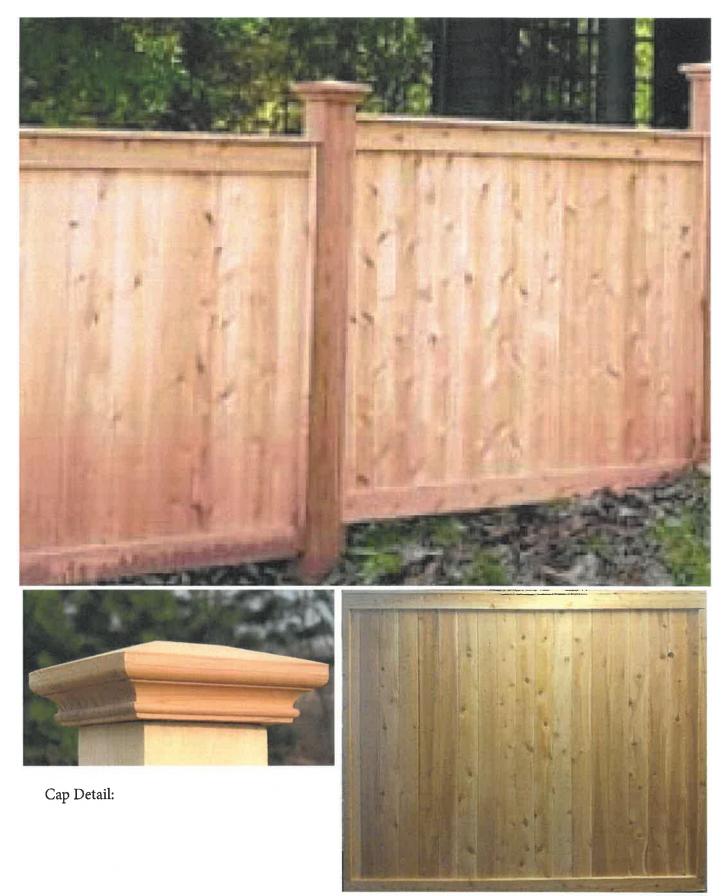




Existing Fence Conditions

Proposed New Fence Materials:

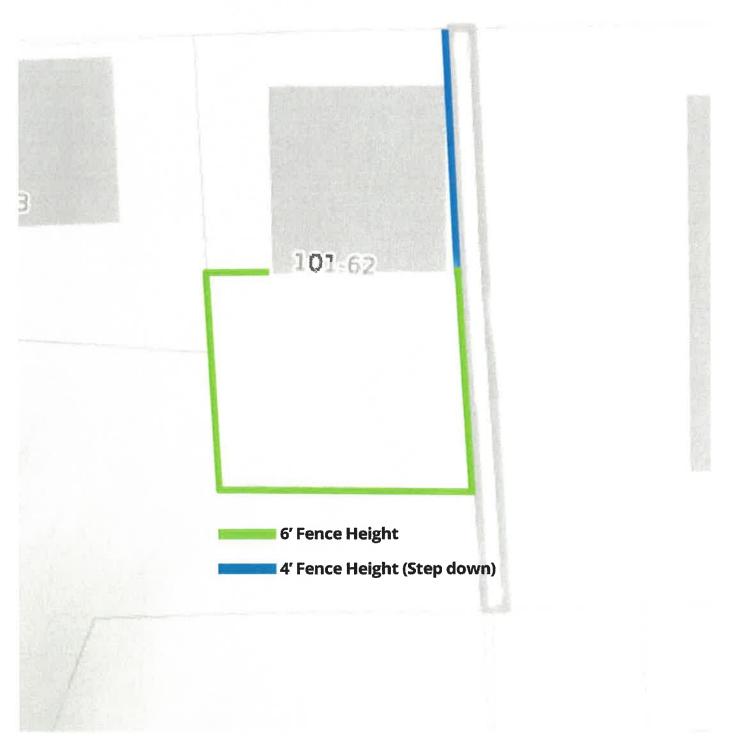
Cedar Fence Sandwich Panel w/ Cap Strip (6' to 4' step down)



Panel Detail: The panel is exactly the same on both sides.

S School St

S School St



3. 16 porter Street

- TBD

Background: system.	The applicant is seeking approval for the installation of a radon mitigation
Staff Commer	nt: TBD
Stipulatio	ons:
1	
2.	



02/04/2021

LUHD-270

Historic District Commission Work Session or Administrative Approval Application

Status: Active

Date Created: Feb 02, 2021

Applicant

Michael Street michaels@cpmanagement.com 11 Court Street Suite 100 Exeter, NH 03833 6037786300

Location

16 PORTER ST Portsmouth, NH

Owner:

Porter Street Condo Association 11 Court Street, 100, Exeter, New Hampshire 03833

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

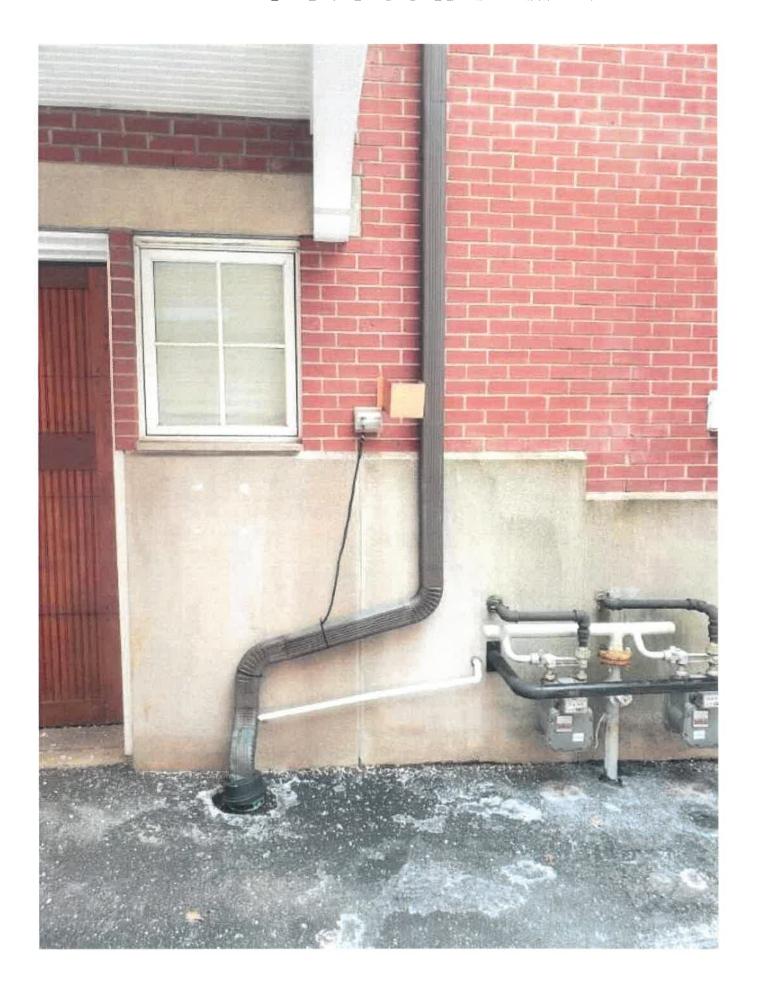
Radon mitigation system installation on the exterior wall up to the roofline. Top of mitigation system will extend 12-18" above roofline where gutter is located. Contractor will run 3" Schedule 40 pipe up the side of the building to first roof line. They will then completely cover system with copper coated channel shown in the first picture. The existing gutters and downspouts are also copper. although tarnished over many years.

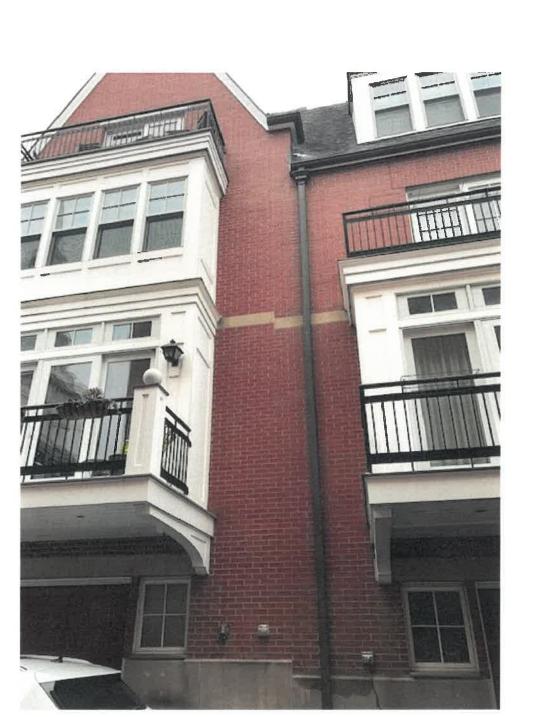
Description of Proposed Work (Planning Staff)

Project Representatives

Relationship to Project

Owner





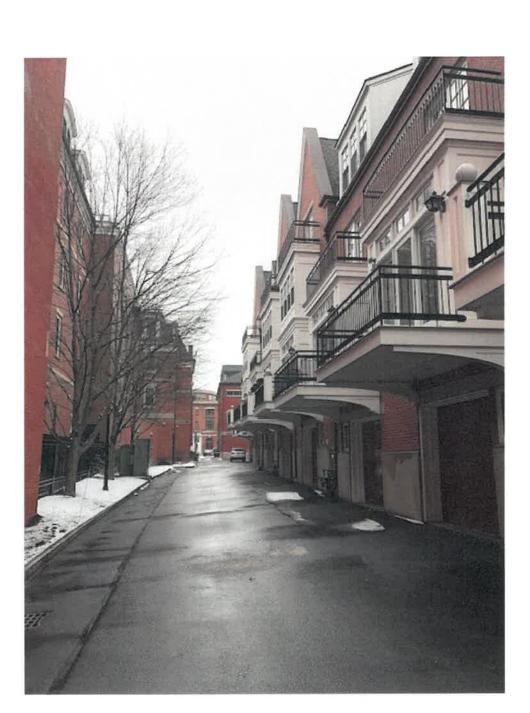
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Porter_Alleyway_Pic_Tue_Feb_2_2021_13-56-12.jpg (640×480)



4. 46 Maplewood Avenue - Recommended Approval

Background: awning.	The applicant is seeking approval for final details and assembly of the glass
Staff Comme	nt: Recommended Approval
Stipulatio	ons:
1	

2. _____



02/04/2021

LUHD-271

Historic District Commission Work Session or Administrative Approval Application

Status: Active

Date Created: Feb 02, 2021

Applicant

Jennifer Ramsey jramsey@sommastudios.com 36 Maplewood Ave Portsmouth, NH 03801 603-766-3760 ext. 1

Location

O MAPLEWOOD AVE Portsmouth, NH

Owner:

THIRTY MAPLEWOOD LLC 36 MAPLEWOOD AVE, null, PORTSMOUTH, NH 03801

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

Final Details and Assembly of Glass Awning

Description of Proposed Work (Planning Staff)

Acknowledgement

I certify that the information given is true and correct to the best of my knowledge.



By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction



46 Maplewood Awning Design and Specifications

February 2021

At the time of our original approval, it was discussed that we would return with the final specifications for the glass awning once the manufacturer had been selected and the awning fully engineered with actual material specifications.

Original rendering prior to engineering and specifications.



Engineered awning by Inofab LLC., of Pittsfield, New Hampshire.

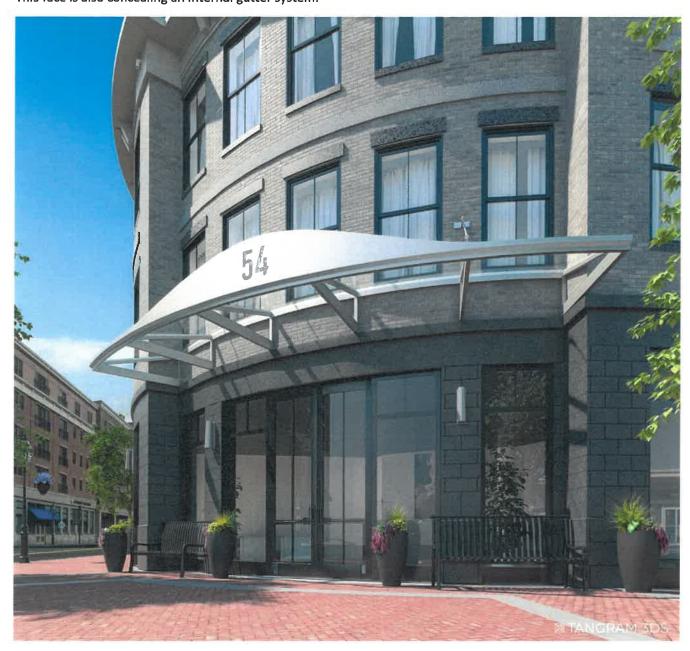
Inofab is responsible for other glazed awning structures in Portsmouth. Most recently the awnings installed at 25 Maplewood, across the street.

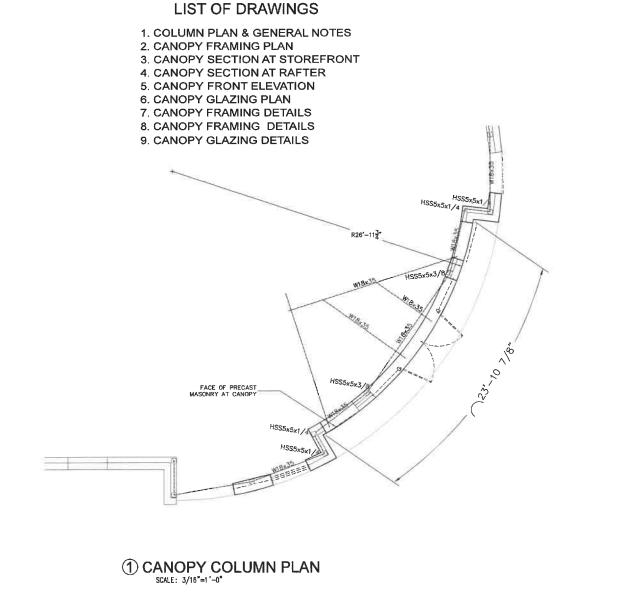




A close up of awning from Deer Street. The building address for the corner tenant will be laser cut from the metal face.

This face is also concealing an internal gutter system.





GENERAL NOTES:

- 1. DIMENSIONS BASED ON FIELD DIMENSIONS.
- 2. ALL FRAMING ALUMINUM 6061-T6 FY = 35,000 PSI.
- 3. GLAZING PANELS: 1/4" MONOLITHIC POLYCARBONATE UV PROTECTED GLAZING PANELS COLOR TBD
- 4. ALL FASTENERS ARE STAINLESS STEEL TYP 304.
- VERIFY DIMENSIONS AND SIZES OF EXISTING STRUCTURAL MEMBERS PRIOR TO FABRICATION.

6. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE STATE AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO 2009 INTERNATIONAL BUILDING CODE ANSI/ASCE 7-05 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES"
ACI 318-08 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"

CONCRETE"
ACI 301-08 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
AISC STEEL CONSTRUCTION MANUAL, 2008
ACI 530-08/ ASCE 5-08/TMS 402-08 "BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES"
DESIGN LOADS:
THE STRUCTURE DESIGNED IN ACCORDANCE WITH THE 2009 BC TO SUPPORT THE DEAD LOADS OF THE STRUCTURAL ARCHITECTURAL, AND MECHANICAL SYTEMS SHOWN AS WELL AS THE FOLLOWINGH MIN. LIVE LOADS

BASIC GROUND SNOW LOAD50PSF Ce=1.0 Ct= 1.1 Is = 1.0

WIND SPEED = 100 MPH EXPOSURE = B Iw = 1.0

SEISMIC SITE CLASS = D PER GEOTECHNICAL REPORT le = 1.0
Se =0.356, SDs = 0.360
S1 = 0.078, SD1 = 0.126
SEISMIC DESIGN CATAGORY = C

FINISH:
SOLVENT BASED WASH DOWN, FULLY ABRADED SURFACE TREATMENT,
TNEMIC FO EPOLYY SERIES 27 TWO COMPONENT
ADHESION AND SEALING BARRIER COAT, SHERWIN WILLIAMS CHEMICAL
COATINGS POLANE TWO COMPONENT EXTERIOR URETHANE THREE COAT
TOP COAT
SATIN FACTORY FINISH COLOR TBD—______



Mr. NANGIA P.E.

CONSULTING ENGINEER STRUCTURAL/CIVIL 7423 HOLLOW RIDGE DR HOUSTON, TX 77095

THIS DOCUMENT WAS PRODUCE!

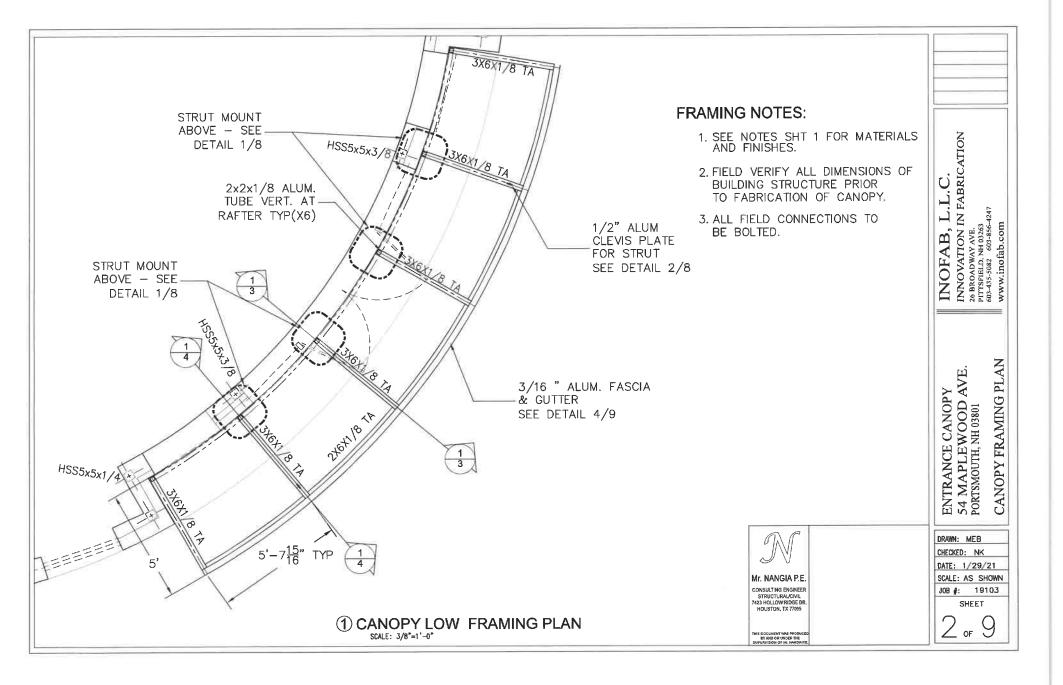
BY AND OR UNDER THE
SUPERVISION OF Mr. NANGA PE.

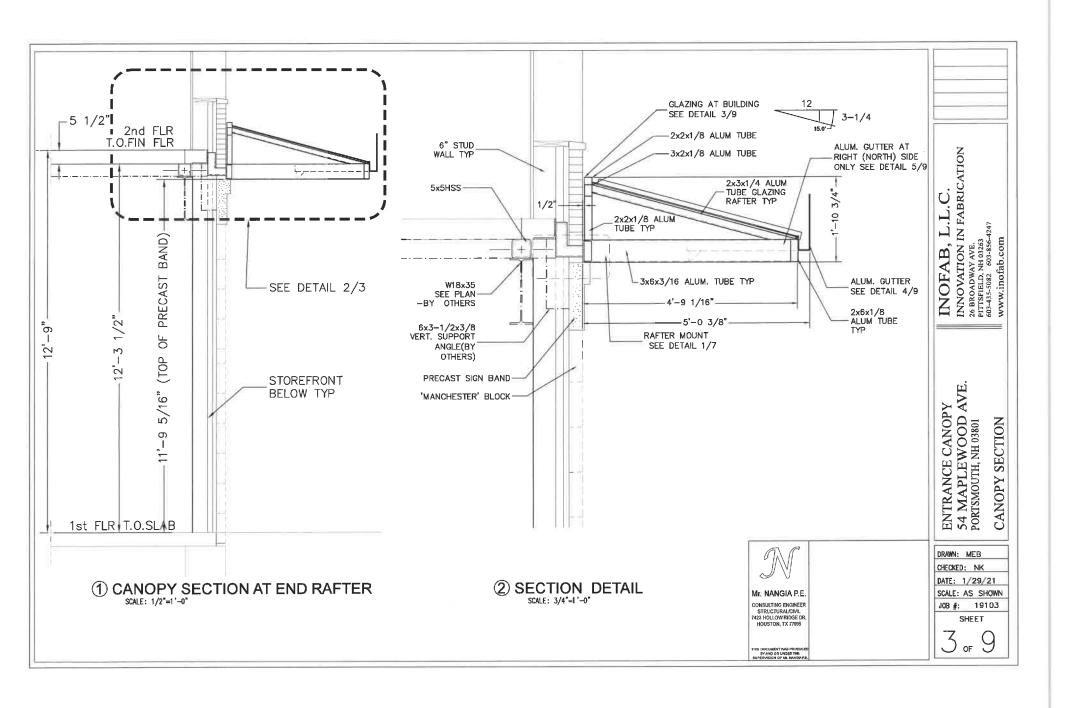
COLUMN PLAN / GENERAL NOTES ENTRANCE CANOPY 54 MAPLEWOOD AVE. PORTSMOUTH, NH 03801

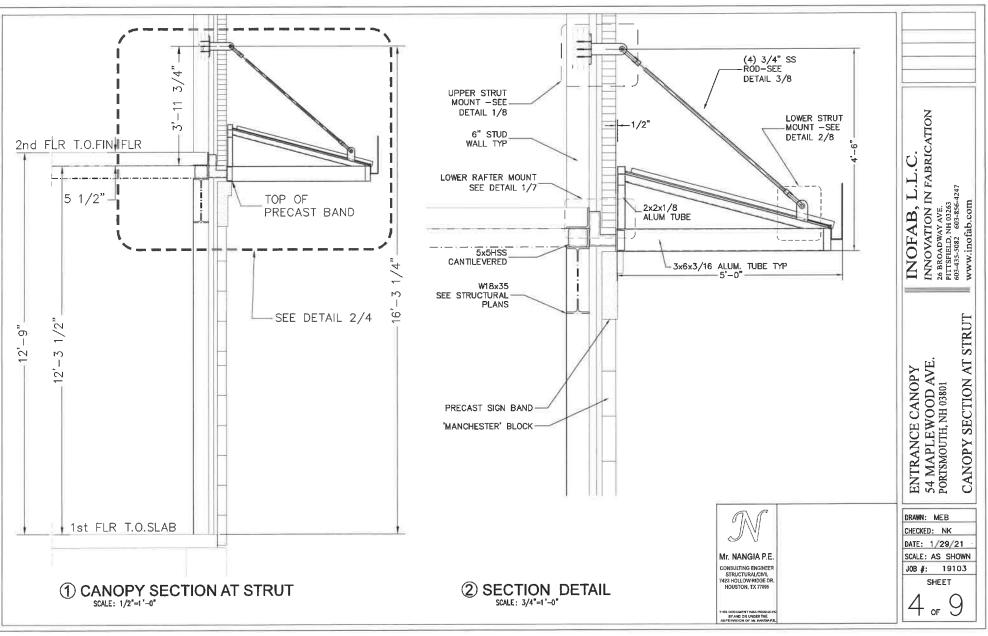
INOFAB, L.L.C.
INNOVATION IN FABRICATION
26 BROADWAY AVE.
21 BITTSFELD, NH 02263
603-435-5082 603-856-4247
www.inofab.com

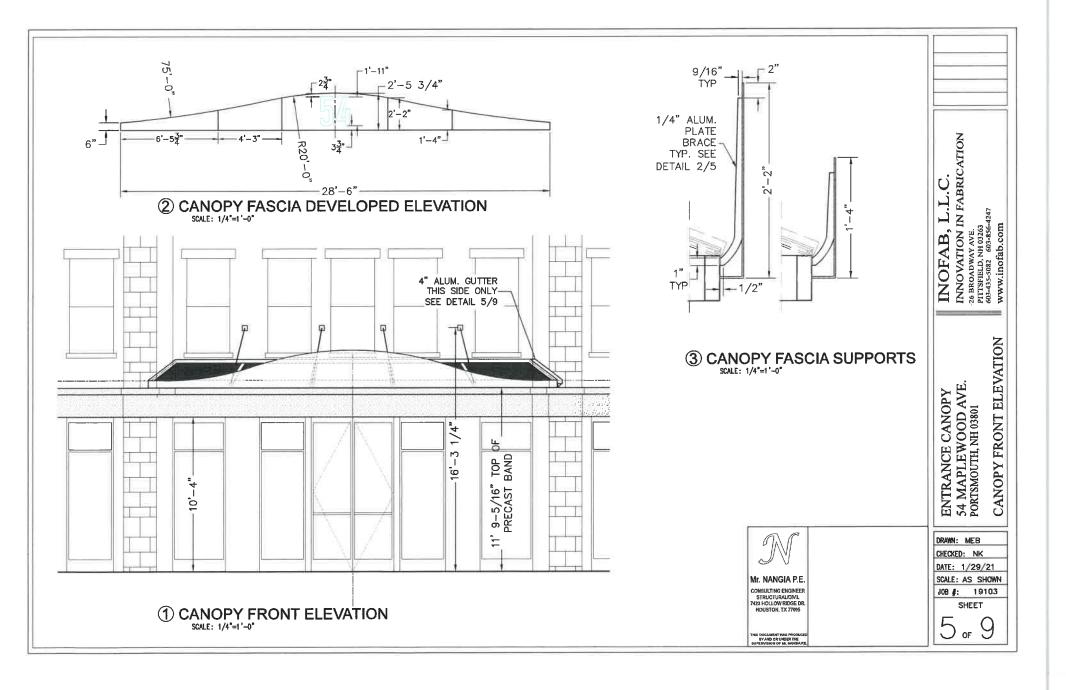
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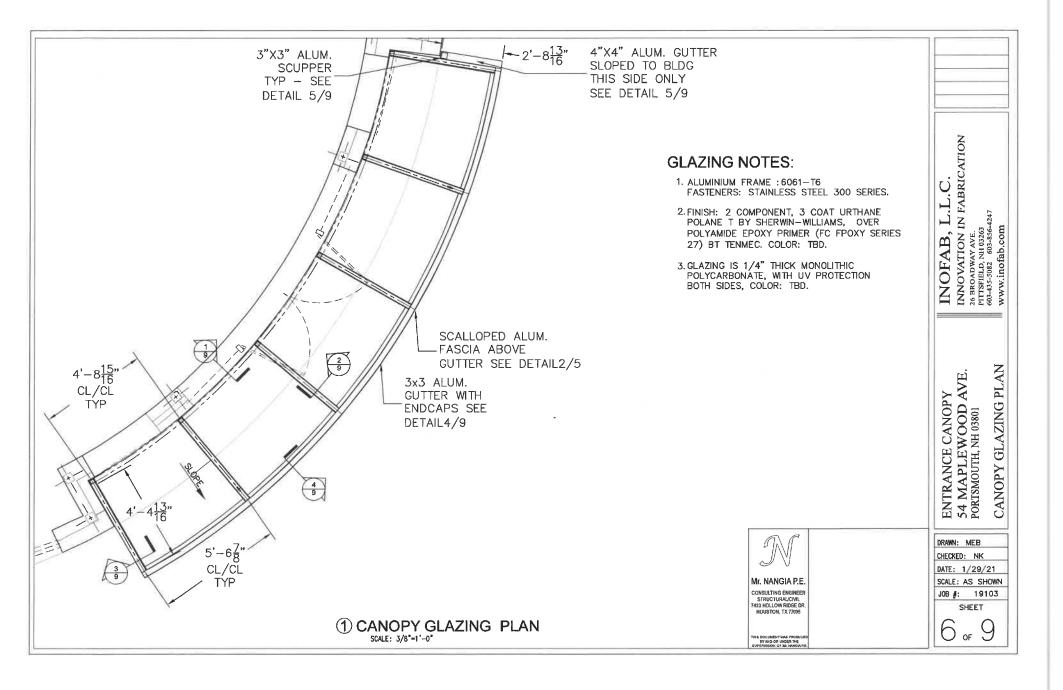
> SHEET 1 of 9

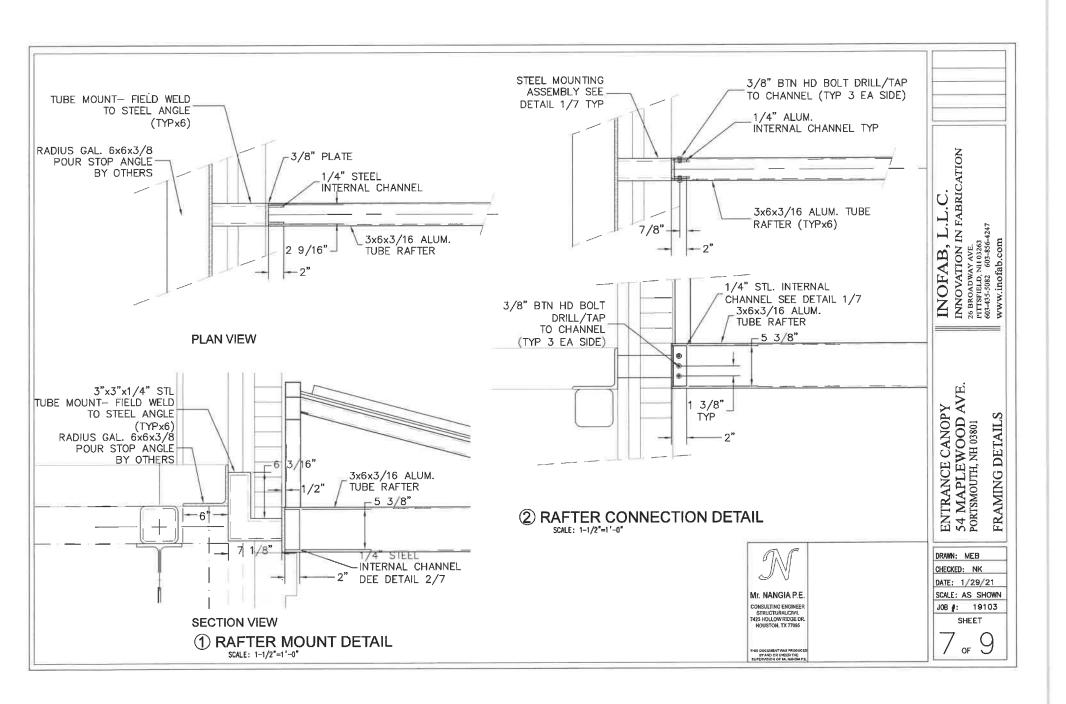


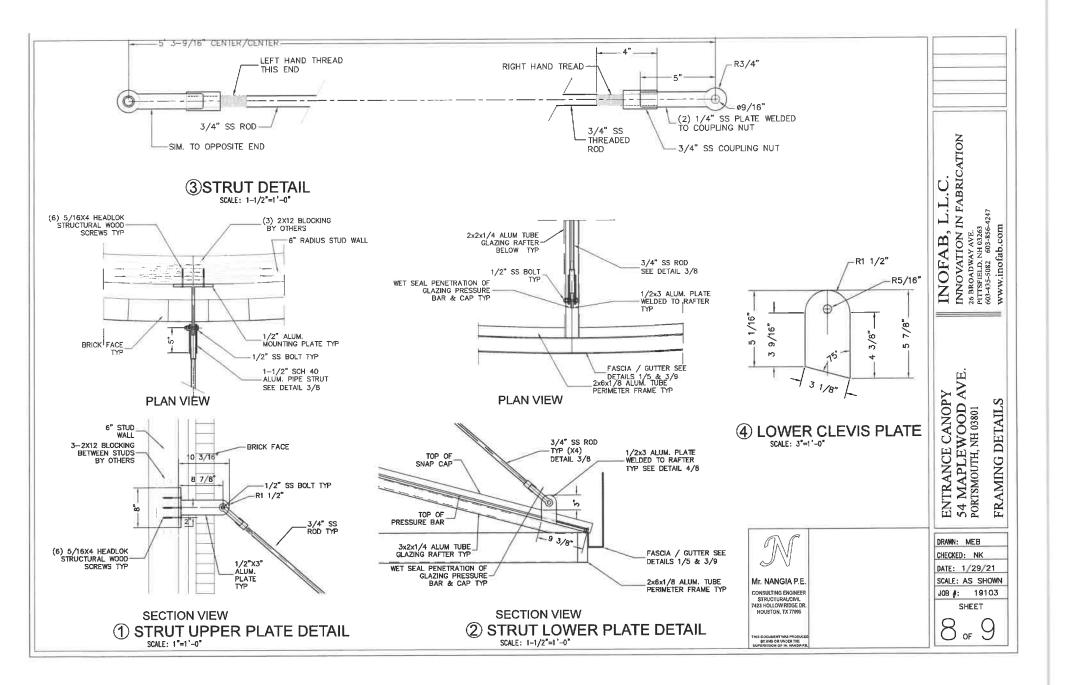


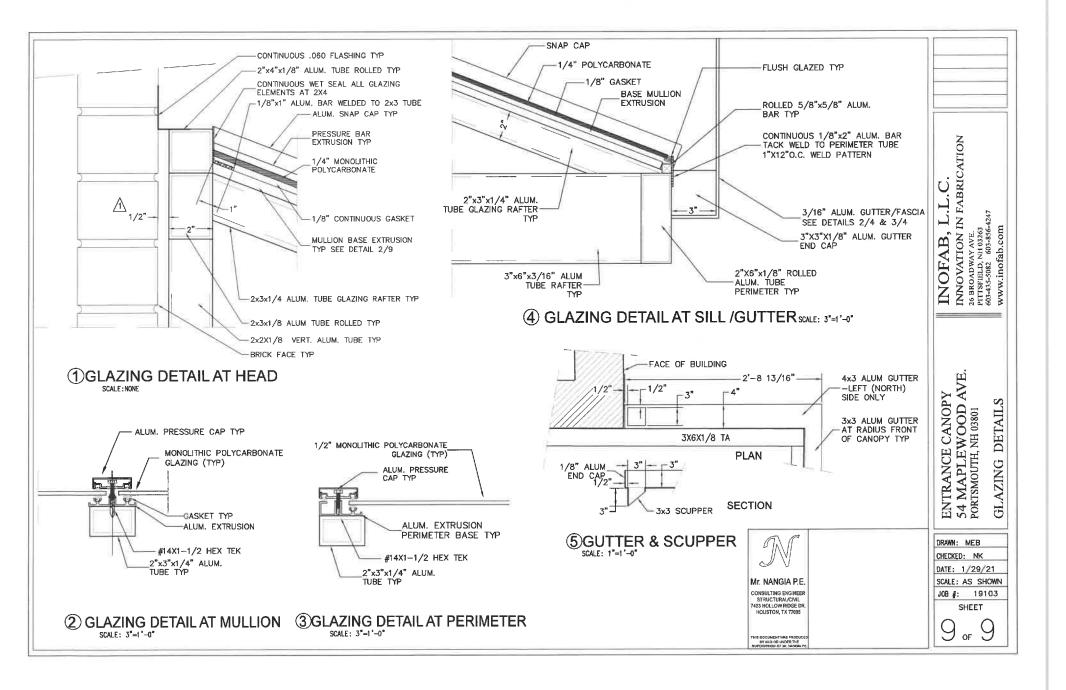












5. 56 Dennett Street

- Recommended Approval

Background: compressor.	The applicant is seeking approval for the installation of a new HVAC
Staff Comme	nt: Recommended Approval
Stipulatio	ons:
1	
2	



02/04/2021

LUHD-272

Historic District Commission Work Session or Administrative Approval Application

Status: Active

Date Created: Feb 03, 2021

Applicant

Walter Hoerman whoerman@gmail.com 56 Dennett Street Portsmouth, NH 03801 603-828-2688

Location

56 DENNETT ST Portsmouth, NH

Owner:

HOERMAN FAMILY REVOCABLE TRUST OF 2019 & HOERMAN WALTER A AND MARY **ELLEN TRUSTEES** 56 DENNETT ST. null, PORTSMOUTH, NH 03801

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

adding a small compressor outside next to a much larger compressor behind the house

Description of Proposed Work (Planning Staff)

Acknowledgement

I certify that the information given is true and correct to the best of my knowledge.

 \square

By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction

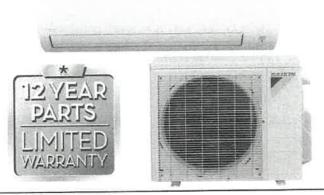
Job Name:	
Tag#	



Submittal Data Sheet

FTX12NMVJU / RXL12QMVJU

1-Ton Wall Mounted Heat Pump System



Complete warranty details available from your local dealer or at www.daikincomfort.com. To receive the 12-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec. If product is installed in a commercial application, limited warranty period is 5 years.

Indoor Specifications Heating Cooling 8/1 H M H 321 413 434 311 Airflow Rate (cfm) SL SL 219 145 258 247 Sound (dBA) 45 / 37 / 30 / 26 45/37/30/19 H/M/L/SL 11-1/4 × 30-5/16 × 8-3/4 Dimensions (H × W × D) (in)

18

Outd	oor Spe	cifications	5	
Compressor		Hermetically S	Sealed Sw	ing Type
Refrigerant		R-410A		
Refrigerant Oil		PVE	(FVC50K)	
	Cooling		Heating	
Airflow Rate (cfm)	н	1,144	н	1,006
	L	865	L	777
Sound Power Level (dB	A)		50	
Dimensions (H × W × D) (in)		21-5/8 × 26-9/16 × 11-3/16		
Weight (Lbs)			70	

	Effic	iency	
Coo	ling	Heati	ng
SEER	20.0	HSPF	12.0
EER	12.5	COP	3.90

Cooling (Btu/hr)			
Sensible @ AHRI	9,100		
Moisture Removal gal/h	.45		
Operating Range	50°F-115°F		
ated Facilian Canditians	Indoor 90°E DR/67°E WR		

Outdool: 33 F 00/73 F 470			
Heating (Btu/hr)			
1:@ 47° Rated (Min/Max)	13,600 (4,400 / 18,800)		
2: @ 17° Rated	8,800		
3: @ 5° Max	14,330		
Operating Range	-13°F 60°F		

Outdoor: DS°E DR/75°F W/R

Operating Range

1: Rated Heating Conditions:
Indoor: 70°F DB/60°F WB
Outdoor: 47°F DB/43°F WB

2: Rated Heating Conditions:
Indoor: 70°F DB/60°F WB
Outdoor: 17°F DB/60°F WB
Outdoor: 70°F DB/5°F WB
Outdoor: 5°F DB/5°F WB

Electrical 208/60/1 230/60/1 13.0 System MCA 13.0 15 15 System MFA 12.0 12.0 Compressor RLA Outdoor fan motor FLA .17 .17 20 20 Outdoor fan motor W .23 .23 Indoor fan motor FLA

28

28

MFA; Max. fuse amps MCA: Min. circuit amps (A) FLA: Full load amps (A)
RLA: Rated load amps (A)
W: Fan motor rated output (W)

Indoor fan motor W

Piping	
Liquid (in)	1/4
Gas (in)	3/8
Drain (in)	5/8
Max. Interunit Piping Length (ft)	65.625
Max. Interunit Height Difference (ft)	49.25
Chargeless (ft)	32.8
Additional Charge of Refrigerant (oz/ft)	.21

Daikin North America LLC 51S1 San Felipe, Suite 500 Houston, TX 77056

(Dalkin's products are subject to continuous improvements. Dalkin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)

Weight (Lbs)





GISTURGED EARTH

CONDICTE

GRANGL

GRANGL

GRANGL

GRANGL

GROWE

WOODPRISH

WOODDAMPHICKNAL RECERNOR

WOODDAMPHICKNAL RECERNOR

WOOD

STORE

WOOD

MODERNICKNAL RECERNOR

WOOD

BASINETICKNAL RECERNOR

WOOD

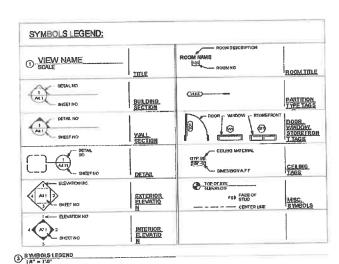
RECERNOR

WOOD

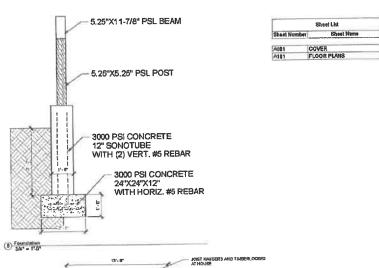
BASINETICKNAL RECERNOR

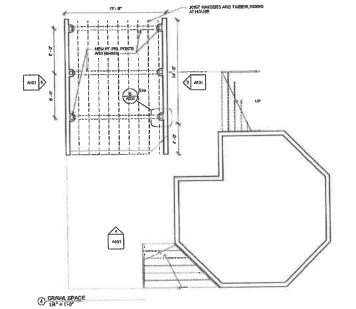
BASINETICKN

MATERIAL S LEGEND



HOERMAN RESIDENCE



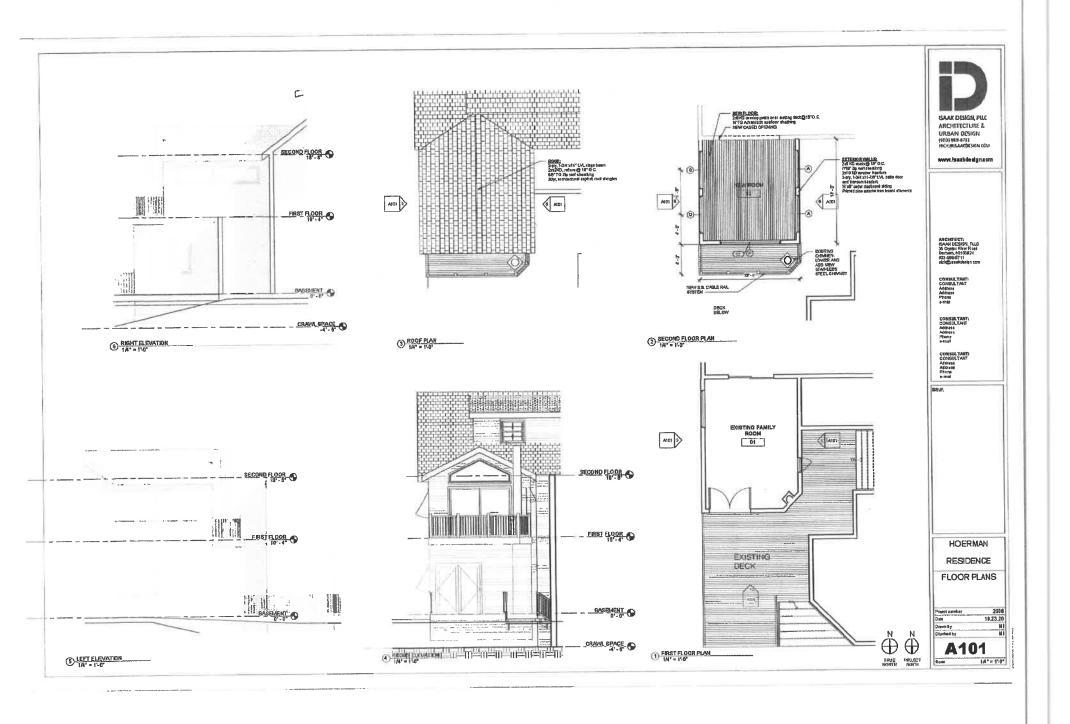




ARTHUR SETT HAN VOICEMEN, PLU SA Open First Planed Duckars, NO SETT Planed Duc

HOERMAN
RESIDENCE
COVER

Project number 2000
Date 10.23.24
Country N
Churched by N





46.5

MAP FOR REFERENCE ONLY NOT A LEGAL DOCUMENT

City of Portsmouth, NH makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 4/1/2019 Data updated 7/17/2019

Dennett St

PROPOSED LOUTION

140-13

140:12

City of Portsmouth, NH

14 St

39.1

76.7

Good

78JE 000

Dennett St

140-14



Description of the addition to the already approved project:

We want to add a small compressor for the minisplit in the already approved addition.

This small unit would be placed behind the house, under the existing porch next to an existing unit.

Description of views:

- 1. It is not visible from the back of the house as It is hidden by the existing deck.
- 2. It is not visible from the east (driveway) side as it is hidden by the house.
- 3. It is not seen on the west side in that the house next door has no windows on that side and the narrow area is brush filled.
- 4. It is not seen by people walking on the sidewalk or driving by on Dennett Street. If they stopped and walked to look over the fence, then they could possibly see the small unit about 75 feet away on the ground. Again, there is already a much larger unit in that location.

If you need any further info, please feel free to contact me.

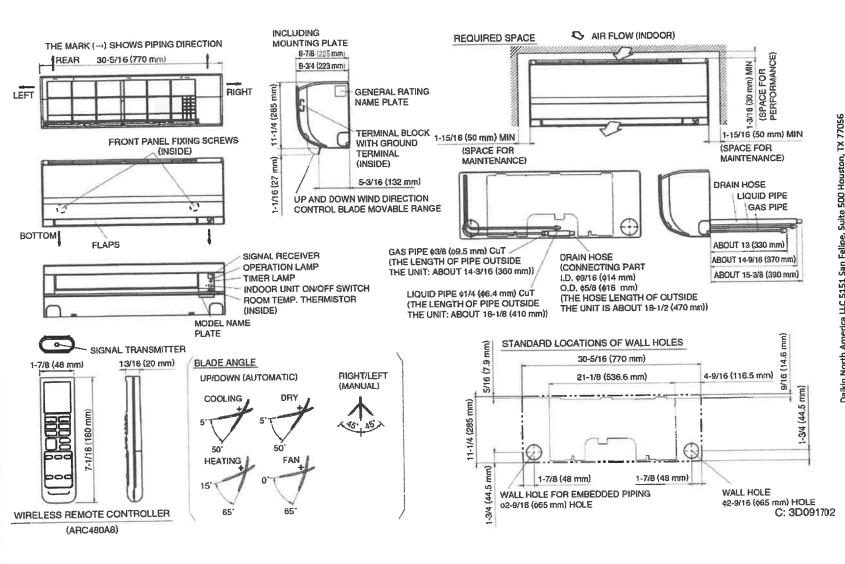
Walter Hoerman

56 Dennett Street

Portsmouth, NH 03801

603-828-2688

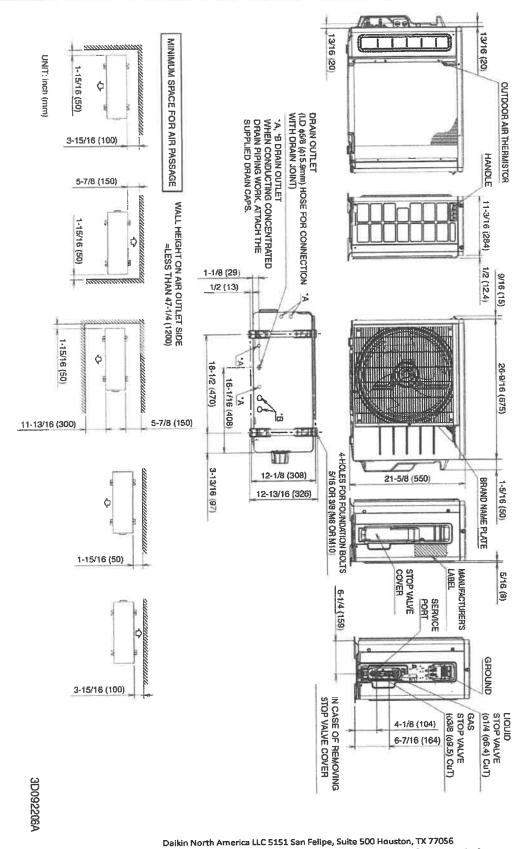
whoerman@gmail.com



ittal Creation Date: June 2017

RXL12QMVJU Dimensional Data





(Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)



This combination qualifies for a Federal Energy Efficiency Tax Credit when placed in service between 1/1/2015 and 12/31/2020.

Certificate of Product Ratings

AHRI Certified Reference Number: 8849458

Date: 12-24-2020

Model Status: Production Stopped

AHRI Type: HRCU-A-CB-O (Mini-Split Heat Pump, with Remote Outdoor Unit Air-Source, Free Delivery)

Outdoor Unit Brand Name: DAIKIN

Outdoor Unit Model Number: RXL12QMVJU

Indoor Type: Mini-Splits (Non-Ducted)

Indoor Model Number(s): FTX12NMVJU

Rated as follows in accordance with the latest edition of AHRI 210/240 with Addendum 1, Performance Rating of Unitary

Air-Conditioning & Air-Source Heat Pump Equipment and subject to rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (95F): 10900

EER (95F): 12.50

SEER: 20.00

High Heat (47F): 13600

Low Heat (17F): 8800

HSPF: 12.00

Sold in? : USA

†"Active" Model Status are those that an AHRI Certification Program Participant is currently producing AND selling or offering for sale; OR new models that are being marketed but are not yet being produced. "Production Stopped" Model Status are those that an AHRI Certification Program Participant is no longer producing BUT is still selling or offering for sale.

Ratings that are accompanied by WAS indicate an involuntary re-rate. The new published rating is shown along with the previous (i.e. WAS) rating

AHRI does not endorse the product(s) listed on this Certificate and makes no representations, warranties or guarantees as to, and assumes no responsibility for, the product(s) listed on this Certificate. AHRI expressly disclaims all liability for damages of any kind arising out of the use or performance of the product(s), or the unauthorized alteration of data listed on this Certificate. Certified ratings are valid only for models and configurations listed in the directory at www.ahrldlrectory.org.

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CERTIFICATE VERIFICATION

The information for the model cited on this certificate can be verified at www.ahrldfrectory.org, click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed at bottom right.

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CERTIFICATE NO.:

132532881359293509

AIR-CONDITIONING, HEATING, & REFRIGERATION INSTITUTE

we make life better™



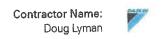


Table of abbreviations

Term	Description
Air Flow Rate	Air Flow Rate
Bse Refr	Standard factory refrigerant charge (16.4ft actual piping length) excluding extra refrigerant charge. For calculation of extra refrigerant charge refer to the databook
cc	Available cooling capacity
COP 47°C	COP value at nominal condition and at ambient temperature of 47°F
COP 17°C	COP value at nominal condition and at ambient temperature of 17°F
IEER	EER value at nominal condition
Ex Refr	Extra refrigerant charge
FCU	Device model name
HC	Available heating capacity (integrated heating capacity)
HSPF	HSPF Rating
Max HC	Available heating capacity
Max SC	Available sensible cooling capacity
Max TC	Available total cooling capacity
MCA	Minimum Circuit Amps
Model	Device model name
МОР	Maximum Overcurrent Protection
Name	Logical name of the device
Piping	Largest distance from indoor unit to outdoor unit
PS	Power supply (voltage and phases)
Rq CC	Required cooling capacity
Rq HC	Required heating capacity
Rq SC	Required sensible cooling capacity
Rq TC	Required total cooling capacity
RunAmps	Running Amps
SEER	SEER Rating
Sound	Sound pressure level low and high
St curr	Starting current
Tmp C	Outdoor conditions in cooling
Tmp C	Indoor conditions in cooling
Tmp H	Indoor temperature in heating

Application Version 1.0.2 7/8



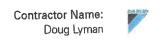


Table of abbreviations

Term	Description
Tmp H	Outdoor conditions in heating (dry bulb temp. / RH)
WxHxD	WidthxHeightxDepth
Weight	Weight of the device

Application Version 1.0.2

Hoerman Residence

218 Knox Marsh Road - Dover, New Hampshire 03820

603-749-3100 - lyman@fwwebb.com

Sales Consultant:

Job#: 122420-JDowling

Date: 12/24/2020

Portsmouth, NH 03801

Heat Pump (Average Load Procedure)

Design Conditions

Location: Portsmouth Pease International Tradeport,

Elevation: 102 ft

Daily Range: Medium

Input Data:

Indoor Dry Bulb **Outdoor Dry Bulb**

Latitude: 43° N

Design Grains: 26

Summer:

95

72

Heated Area 189 Sq.Ft.

Winter:

5

72

Cooled Area

189 Sq.Ft.

Heat/Loss Summary (July Heat Load Calculations)

		- 175		
	Gross Area	Loss	Sensible Gain	Latent Gain
Walls	393.75	0	0	0
Windows	115.5	4375	6381	0
Doors	0	0	0	0
Ceilings	189	387	185	0
Skylights	0	0	0	0
Floors	0	0	0	0
Room Internal Loads		0	1143	400
Blower Load			0	0
Hot Water Piping Load		0	0	0
Winter Humidification Load		417	0	0
Infiltration		1417	255	178
Ventilation		0	0	0
Ouct Loss/Gain EHLF=0 ESGF=0		0	0	0
AED Excursion		n/a	0	n/a
Subtotal		6596	7964	578



Approved ACCA MJ8 Calculations

Btuh 6596 **Total Heating** 8542 Btuh **Total Cooling**

2 kw of electric heat

11 Linear ft. of Hydronic Baseboard

0.8 Nominal Tons of Sensible Cooling

0.71 Nominal Tons of Total Cooling

*Calculations are based on the ACCA Manual J 8th Edition and are approved by ACCA. All computed calculations are estimates based on building use, weather data, and inputted values such as R-Values, window types, duct loss, etc. Equipment selection should meet both the latent and sensible gain as well as building heat loss.

Hoerman Residence

218 Knox Marsh Road - Dover, New Hampshire 03820

603-749-3100 - lyman@fwwebb.com

Sales Consultant:

Design Grains 26

Job#: 122420-JDowling Date: 12/24/2020

Portsmouth, NH 03801

Equipment Selection

Design Conditions

Relative Humidity: 50% Design Location: Portsmouth Pease

95 Summer Outdoor Design: Elevation: 102 ft Winter Outdoor Design: 5 Latitude: 43° N Summer Indoor Design: 72 Daily Range: Medium Winter Indoor Design: 72

Heating Equipment

Altitude Correction Factor: 0 Mfg:

Heating Input (btuh): Model:

Heating Output (btuh): 13600 AHRI Ref #:

Calculated HeatPump 13819 Efficiency (AFUE):

Output @ Design (btuh):

Cooling Equipment

Altitude Correction Factor: 0 Mfg: DAIKIN MANUFACTURING

Rated Total Cooling (btuh): 10900 Oudoor Unit Model: RXL12QMVJU

> Sensible Cooling (btuh): 9592 Coil: FTX12NMVJU

Latent Cooling (btuh): 1308 Furnace:

SEER - EER@95: 20 - 12.5 AHRI Ref #: 8849458

Heat Pump HSPF: 12

Summary

MJ8 Cald	ulations	<u>Status</u>	Equipment	Capacities
Sensible Gain (btuh):	7964	Sufficient	Sensible Capacity (btuh):	9592
Latent Gain (btuh):		Sufficient	Latent Capacity (btuh):	1308
Total Heat Gain (btuh):	8542	Sufficient	Total Capacity (btuh):	10900
Heat Loss (btuh):	6596	Sufficient	Heating Capacity (btuh):	13819

Hoerman Residence

218 Knox Marsh Road - Dover, New Hampshire 03820

603-749-3100 - lyman@fwwebb.com

Sales Consultant:

Job#: 122420-JDowling

Date: 12/24/2020

Portsmouth, NH 03801

New Room (Average Load Procedure)

Design Conditions

Location: Portsmouth Pease International Tradeport,

Elevation: 102 ft

Daily Range: Medium

Indoor Dry Bulb **Outdoor Dry Bulb**

Latitude: 43° N

Design Grains: 26

Input Data:

95

72

Heated Area 189 Sq.Ft.

Summer: Winter:

5

72

Cooled Area

189 Sq.Ft.

Heat/Loss Summary (July Heat Load Calculations)

	Gross Area	Loss	Sensible Gain	Latent Gain
Walls	393.75	0	0	0
Windows	115.5	4375	6381	0
Doors	0	0	0	0
Ceilings	189	387	185	0
Skylights	0	0	0	0
Floors	0	0	0	0
Room Internal Loads		0	1143	400
Blower Load		417	0	0
Hot Water Piping Load			0	0
Winter Humidification Load			0	0
Infiltration		1417	255	178
Ventilation		0	0	0
Duct Loss/Gain		0	0	0
AED Excursion		n/a	0	n/a
Subtotal		6596	7964	578



Approved ACCA
MJ8 Calculations

2 kw of electric heat

11 Linear ft. of Hydronic Baseboard

0.8 Nominal Tons of Sensible Cooling

0.71 Nominal Tons of Total Cooling

Btuh Total Heating 6596 8542 Btuh **Total Cooling**

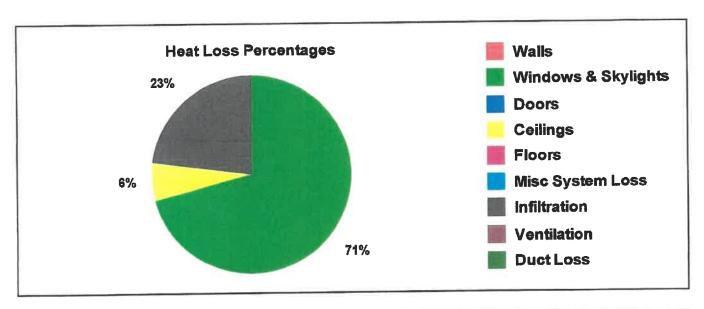
^{*}Calculations are based on the ACCA Manual J 8th Edition and are approved by ACCA. All computed calculations are estimates based on building use, weather data, and inputted values such as R-Values, window types, duct loss, etc. Equipment selection should meet both the latent and sensible gain as well as building heat loss.

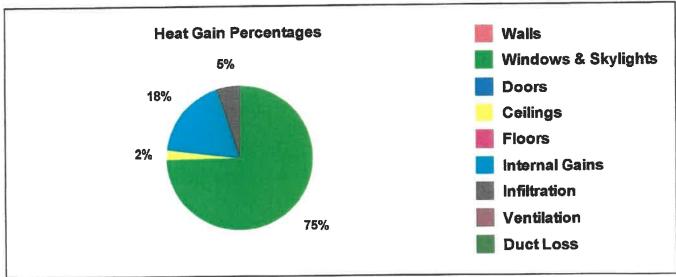
218 Knox Marsh Road - Dover, New Hampshire 03820 603-749-3100 - lyman@fwwebb.com

Sales Consultant:

Job#: 122420-JDowling Date: 12/24/2020 Portsmouth, NH 03801

New Room Load Chart





Portsmouth, NH 03801

218 Knox Marsh Road - Dover, New Hampshire 03820

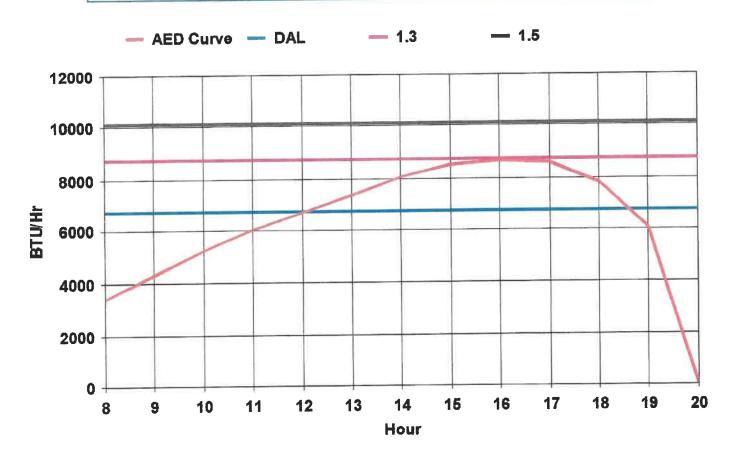
603-749-3100 - lyman@fwwebb.com

Sales Consultant:

Job#: 122420-JDowling

Date: 12/24/2020

Heat Pump



AED Excursion: 0 btuh

AED Status: System has Adequate Exposure Diversity.

AED Flag: No AED Flag.

Hours are listed in 24-hour format: 8 is 8am, 20 is 8pm.

Hoerman Residence

218 Knox Marsh Road - Dover, New Hampshire 03820

603-749-3100 - iyman@fwwebb.com

Portsmouth, NH 03801

Sales Consultant:

Job#: 122420-JDowling

Date: 12/24/2020

		Heat	Pump B	reakdow	n			
Item Name	U-Value /SHGC	Net Area	Htg. HTM.	Clg. HTM	Sens. Htg.	Sens. Clg.	Lat. Clg.	Total Clg.
Construction Type Heat Pump				anne ministrativa (I Ald Egyppypynings america terministry ringer – 6 pt 1-48000	417	0	0	0
New Room			Labela	_	0	1143	400	1543
Ceiling	0.029	199.22	1.943	0.93	387	185	0	185

Ceiling Below Roof Joists|Dark or Bold Color Asphalt Shingles|NA|R-38 blanket or loose fill

West Wall

6. 82 Court Street

- Recommended Approval

Background:	The applicant is seeking approval to replace an existing failing rubber roof
with new me	tal roofing.

<u>Staff Comment</u>: Recommended Approval

Stip	oul	ati	0	ns	•
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1.		
3.		



02/04/2021

LUHD-268

Historic District Commission Work Session or Administrative Approval Application

Status: Active

Date Created: Jan 28, 2021

Applicant

Debi Garland dgarland@nhlawfirm.com 70 Court Street Portsmouth, NH 03801 603-436-4010

Location

82 COURT ST Portsmouth, NH

Owner:

Debi Garland 82 Court St 82 COURT ST, null, Portsmouth, NH 03801-4414

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

Replace Rubber Roof and install Metal Roof

Description of Proposed Work (Planning Staff)

Project Representatives

Relationship to Project

Other

If you selected "Other", please state relationship to project.

Roofing Company

Examples of Standing Seam Metal roof – 82 Court Street

