HDC ADMINISTRATIVE APPROVALS

April 3rd, 2019

- 1. 3 Hancock Street (HVAC)
- 2. 175 Market Street (HVAC)
- 3. 29 Congress Street (windows)
- 4. 873 Middle Street (HVAC)
- 5. 409 Deer St. (ADA Ramp & Roof)
- Recommend Approval
- Recommend Approval
- TBD
- Recommend Approval
- TBD

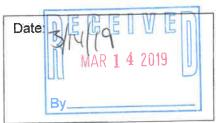
1. 3 Hancock Street (HVAC) - Recommend Approval

Background: The applicant is seeking approval for three, ground-mounted HVAC units to be installed within the front, side and rear yard setbacks. The property is a multifamily condominium development. All three units are screened with fencing or landscaping.

Staff Comment: Recommend for Approval.

Application for Approval - Administrative

Historic District Commission



Mary Mary Control of the Control of	
owner: James G. O inv los Qv. Trust Applicant (if differen	no: Paulette & James Oinc
ddress: 3 Han Cock St Address:	
Party Man NH 03801	(Street)
(City, State, Zip)	(City, State, Zip)
hone: 917-363-9678 Phone:	
signature: PO	
ocation of Structure: Map 0103 Lot 0085 Street Address Building Permit #: Leg by Buchanan Heahny. 3 To permit the following: Mini-plit ductures	
BP: PM6R-19-162	
Action Taken by H.D.C. at Public Meeting	Administrative Use Only:
Date of Approval:	Date of Meeting: 4-3-19
Recommendation:	Payment: 100
Stipulations:	Payment Type: CN # 2167
	Payment Type:
	Index/Permit #:
Signature of Principal Planner:	
If approved, please acknowledge below: I hereby acknowledge that all changes or variation in the design a	as presented shall require further Historic
I hereby acknowledge that all changes of variation in the users. District Commission approval.	•
District Commession Spiral	Revised: 11 April 17
Owner	
CVITCI	

March 12, 2019 City of Portsmouth, NH 3 Hancock Street 54.5 104-6 54.89 79" Hancock St ved 103-1 Hancock St Condenser Hancock St cock St 84.638 Feet 28.82 103-85 7.2.Feet 103-86 10312 Ida Barny Condo Assn (18) 50' 52.6 18.03. 20.92 103-99 50.18 103 97 Gales St 103-98 Manning St 103-96 Gates St 1" = 37 ft App Geo Property Information 0103-0085-0000 Property ID 3 HANCOCK ST IDA BARRY HOUSE CONDO MASTERCARD Location Owner 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 11/30/2018 Data updated 11/19/2018

3 Hancock St Location of 1st Condenser Unit (back-yard, behind fence, near bulkhead)





3 Hancock St Location of 2nd Condenser Unit (side fenced in walkway)

_\$2

X= Proposed location

3 Hancock St Location of 3rd Condenser Unit (side of house, amongst shrubs)





SUBMITTAL DATA: MXZ-3C24NA2 MULTI-INDOOR INVERTER HEAT-PUMP SYSTEM

2 units



Job Name:

System Reference:

Date:



Outdoor Unit: MXZ-3C24NA2

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)
 □ M-NET Adapter (PAC-IF01MNT-E)
 □ Base Heater (PAC-645BH-E)

(For data on specific indoor units, see the MXZ-C Technical and Service Manual.)

	Model Name			
	Unit Type		MXZ-3C24NA2	
	Rated Capacity	Btu/h	22,000 / 23,600	
Cooling* (Non-ducted / Ducted)	Capacity Range	Btu/h	12,600-22,000 / 12,600-25,500	
(,	Rated Total Input	w	1,620 / 2,100	
	Rated Capacity	Btu/h	25,000 / 24,600	
Heating at 47°F* (Non-ducted / Ducted)	Capacity Range	Btu/h	11,400-30,600 / 11,400-29,400	
(,	Rated Total Input	w	1,750 / 1,900	
Heating at 17°F*	Rated Capacity	Btu/h	14,000 / 14,000	
(Non-ducted/Ducted)	Rated Total Input	w	2,120 / 2,230	
Energy Star® (ENERGY STAR pr	oducts are third-party certified by an EPA-rec	ognized Certification Body.)	Yes	
	Power Supply	Voltage, Phase, Hertz	208 / 230V, 1-Phase, 60 Hz	
Electrical Requirements	Recommended Fuse/Breaker Size A		25	
	MCA	A	22.1	
V-14	Indoor - Outdoor S1-S2	door - Outdoor S1-S2 V		
Voltage	Indoor - Outdoor S2-S3 V		DC ±24	
Compressor			INVERTER-driven Scroll Hermetic	
Fan Motor (ECM)		F.L.A.	2.43	
Sound Pressure Level	Cooling	-ID(A)	51	
(Non-ducted/Ducted)	Heating	dB(A)	55	
External Dimensions (H x W x	D)	In (mm)	31-11/32 x 37-13/32 x 13 (796 x 950 x 330)	
Net Weight		Lbs (kg)	137 (62)	
External Finish			Munsell 3.0Y 7.8/1.1	
Refrigerant Pipe Size O.D.	Liquid (High Pressure)	In (mm)	1/4 (6.35)	
Nemigerant ripe size U.D.	Gas (Low Pressure)	m (mm)	A Port: 1/2 (12.7); Other: 3/8 (9.52)	
Max. Refrigerant Line Length		Ft (m)	230 (70)	
Max. Piping Length for Each I		Ft (m)	82 (25)	
Max. Refrigerant Pipe Height	If IDU is Above ODU	Ft (m)	49 (15)	
Difference	If IDU is Below ODU	r (m)	49 (15)	
Connection Method			Flared/Flared	
Refrigerant			R410A	

* Rating Conditions per AHRI Standard:

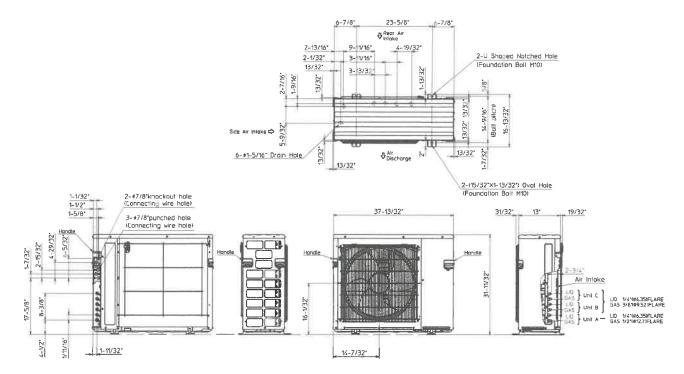
Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB Cooling | Outdoor: 95° F (35° C) DB / 23.9° C (75° F) WB

Heating at 47°F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB Heating at 47°F | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB

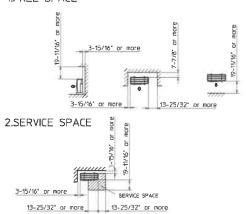
Heating at 17° F | Indoor: 70° F (21° C) DB Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB

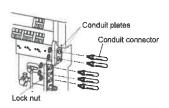
DIMENSIONS: MXZ-3C24NA2

Unit: inch (mm)











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





M-SERIES

SUBMITTAL DATA: MXZ-3C30NA2 MULTI-INDOOR INVERTER HEAT-PUMP SYSTEM



Job Name:

System Reference:

Date:





Outdoor Unit: MXZ-3C30NA2

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)

(For data on specific indoor units, see the MXZ-C Technical and Service Manual.)

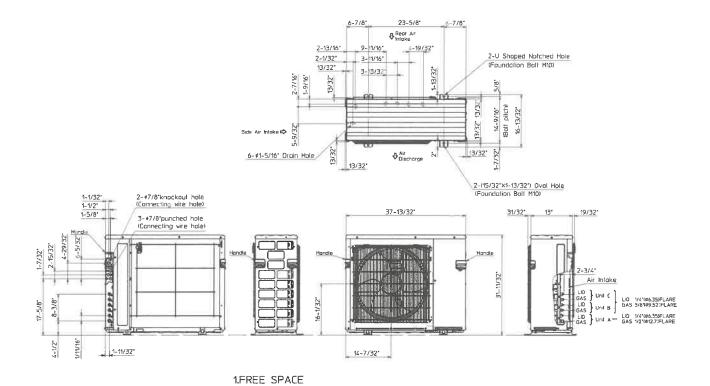
	Specifications		Model Name	
Unit Type			MXZ-3C30NA2	
	Rated Capacity Btu/h		28,400 / 27,400	
Cooling* (Non-ducted / Ducted)	Capacity Range	Btu/h	12,600-28,400 / 12,600-27,400	
(Horr andidar Badioa)	Rated Total Input	w	2,680 / 2,860	
	Rated Capacity	Btu/h	28,600 / 27,600	
Heating at 47°F* (Non-ducted / Ducted)	Capacity Range	Btu/h	11,400-36,000 / 11,400-35,000	
(non-audiba / Dadiba)	Rated Total Input	w	2,150 / 2,220	
Heating at 17°F*	Rated Capacity	Btu/h	16,000 / 15,100	
(Non-ducted/Ducted)	Rated Total Input	w	2,120 / 2,140	
	Power Supply	Voltage, Phase, Hertz	208 / 230V, 1-Phase, 60 Hz	
Electrical Requirements	Recommended Fuse/Breaker Size	A	25	
	MCA A		22.1	
Maltana	Indoor - Outdoor S1-S2 V		AC 208 / 230	
Voltage	Indoor - Outdoor S2-S3	V	DC ±24	
Compressor			INVERTER-driven Scroll Hermetic	
Fan Motor (ECM)		F.L.A.	2.43	
Sound Pressure Level	Cooling	dB(A)	52	
Sound Flessure Level	Heating	db(A)	56	
External Dimensions (H x W x	(D)	in (mm)	31-11/32 x 37-13/32 x 13 (796 x 950 x 330)	
Net Weight		Lbs (kg)	137 (62)	
External Finish			Munsell 3.0Y 7.8/1.1	
Refrigerant Pipe Size O.D.	Liquid (High Pressure)	In (mm)	1/4 (12.7)	
	Gas (Low Pressure)	in (initi)	A: 1/2 (6.35) ; B,C: 3/8 (9.52)	
Max. Refrigerant Line Length		Ft (m)	230 (70)	
Max. Piping Length for Each I	ndoor Unit	Ft (m)	82 (25)	
Max. Refrigerant Pipe Height	If IDU is Above ODU	Ft (m)	49 (15)	
Difference	If IDU is Below ODU	1 t (m)	49 (15)	
Connection Method			Flared/Flared	
Refrigerant			R410A	

^{*} Rating Conditions per AHRI Standard:

Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB Cooling | Outdoor 95° F (35° C) DB / 23.9° C (75° F) WB Heating at 47°F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB Heating at 47°F | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB Heating at 17° F | Indoor: 70° F (21° C) DB Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB

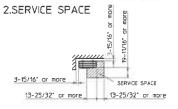
DIMENSIONS: MXZ-3C30NA2

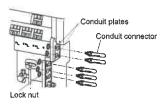
Unit: inch (mm)













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





March // 2019

To whom it may concern,

As a condominium owner (Ida Barry House Condominium Association, Unit 1 and 2), I am in agreement with the addition of a discrete air conditioning unit for Unit 3 at 3 Hancock St, Portsmouth.

I understand that there is no financial burden to the association or to Unit 1 and Unit 2 (St. Jean Real Estate Holdings, LLC) but only to James and Paulette Dinulos as the owners of Unit 3.

Thank you.

For: St. Jean Real Estate Holdings, LLC

Signed:

Ben ST. fear

2. 175 Market Street (HVAC) - Recommend Approval

Background: The applicant is requesting approval of the two projecting sign brackets and two side wall vents along the rear corner of the building.

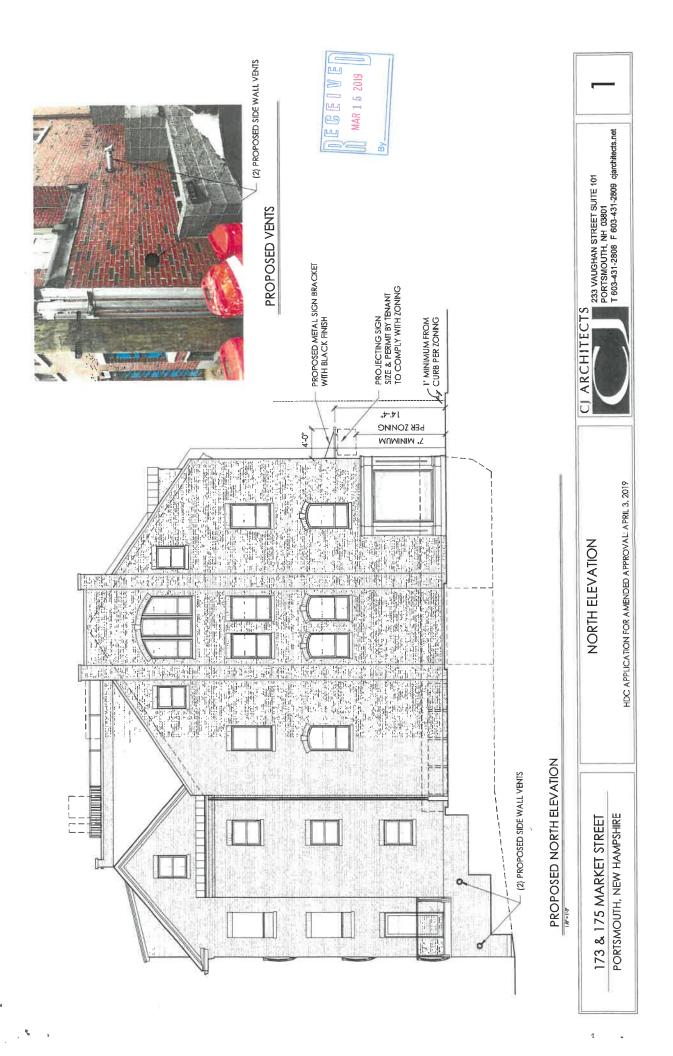
Staff Comment: Recommend approval.

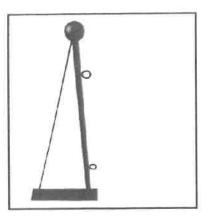
Application for Approval - Administrative

Historic District Commission



Owner:	Chris Erikson	_ Applicant (if different):	CJ Architects
Address:	6 Cove Landing	_ Address: _	233 Vaugha	n Street, Suite 101
	(Street) Kittery, ME 03904		Portemouth	(Street) n, NH 03801
	(City, State, Zip)	_		(City, State, Zip)
hone:	(603)930-4470	Phone:	(603) 431-2	
ignature:				
ocation o	f Structure: Map 118 Lot 4	Street A	Address: 17	5 Market Street
	ermit #:			
_			dina aiau 11.	ata and t! d 11 4
o permit i	the following: Administrative App	roval of projec	ting sign brack	ets and two side wall vents
	Action Taken by H.D.C. at Public	n Mandius		
Date of A		c weeting	——————————————————————————————————————	Administrative Use Only:
	endation:			Date of Meeting: 4-3-19
	1			
Stipulation	ns:			Payment: 100
			F	Payment Type: CV # 2947
				ndex/Permit #:
	THE STATE OF THE S			
Signature Principal				
Principal I	rianner:			
approve	d, please acknowledge below:			
,,	knowledge that all changes or van	iation in the de	elan de nicocom	trid shall individe Easth as the factor
	nmission approval.	auvri in uid 00	ыун аз ргезепі	teu sπaii require τυπηer Histori¢
wner				Revised: 11 April 17
VVI ICI				





PROPOSED SIGN BRACKET

PROPOSED WEST ELEVATION AT MARKET STREET

ADD (5) BRACKETS FOR PROJECTING SIGNS

SIGNAGE

415.44

H

CJ ARCHITECTS

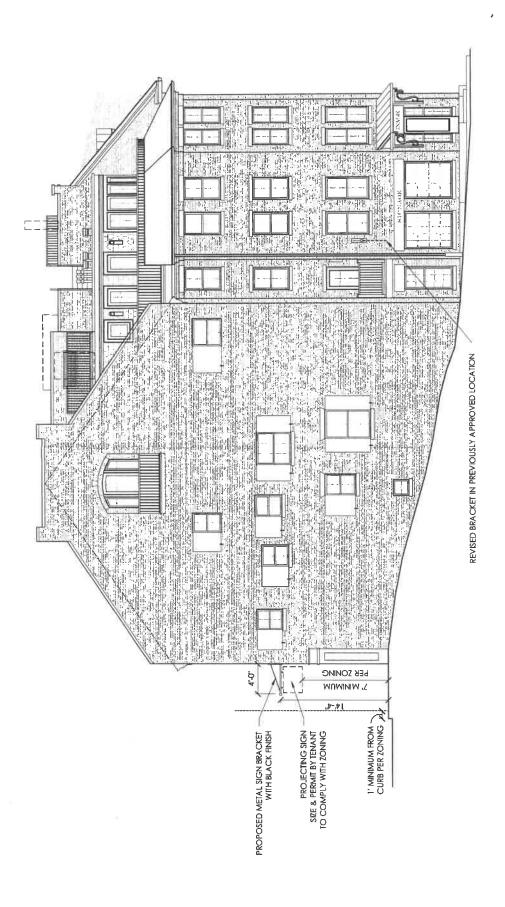
233 VAUGHAN STREET SUITE 101 PORTSMOUTH, NH 03801 T 603-431-2808 F 603-431-2809 garchitects.net

HDC APPLICATION FOR AMENDED APPROVAL: APRIL 3, 2019

WEST ELEVATION

PORTSMOUTH, NEW HAMPSHIRE 173 & 175 MARKET STREET





PROPOSED SOUTH ELEVATION

SOUTH ELEVATION

PORTSMOUTH, NEW HAMPSHIRE 173 & 175 MARKET STREET

HDC APPLICATION FOR AMENDED APPROVAL: APRIL 3, 2019

ARCHITECTS

233 VAUGHAN STREET SUITE 101 PORTSMOUTH, NH 03801 T 603-431-2808 F 603-431-2809 cjarchitects.net

3. 29 Congress Street (windows) - TBD

<u>Background</u>: This project was approved on 3-6-19 and the window request was withdrawn from the application due to jamb-liner issues. The applicant is now requesting a different window type without the white jamb-liners. The Marvin Integrity window is an aluminum clad window.

Staff Comment: TBD.

Application for Approval - Administrative

Historic District Commission

Date:	3/22/19	

Owner:29-41 Congress Street, LLC	Applicant (if different):_	Keith Frizzell
Address: PO Box 310	Address: PO Box	310
(Street)		(Street)
Dover, NH, 03821	Dover, N	IH, 03821
(City, State, Zip)		(City, State, Zip)
Phone:603-431-0400	Phone: 603-4	31-0400
Signature: <u>Keith Fuige</u>	el	
Location of Structure: Map117 Lot	10-11 Street Address:	29-41 Congress St
Building Permit #:n/a		
Clad Ultimate Double Hung windows con will be in the color of Ebony with matchin		
Action Taken by H.D.C. at P	ublic Meeting	Administrative Use Only:
Date of Approval:		
Recommendation:		Date of Meeting: 4-3-19
		Payment: 106 · 🔊
Stipulations:	1	i i
		Payment Type: Wat 2328
		Index/Permit #:
Signature of		
Principal Planner:		
lf approved, please acknowledge belo	w:	
l h⊧ereby acknowledge that all changes o	variation in the design as pres	cented shall require further Historic
District Commission approval.	variation in the design as pres	onco shall require fariner mistoric
11-11 1		
Lett Prinell		Revised: 11 April 17
Owner		



CITY OF PORTSMOUTH

Community Development Department (603) 610-7281

Planning Department (603) 610-7216

PLANNING DEPARTMENT HISTORIC DISTRICT COMMISSION

CERTIFICATE OF APPROVAL

March 12, 2019

Eric Frizzell P.O. Box 310 Dover, NH 03801

29-41 Congress Street

The Historic District Commission considered your proposal at its meeting on March 06, 2019 wherein permission is requested to allow exterior renovations to an existing structure (replacement of existing brownstone headers, sills and coins, the replacement of 13 existing windows, in-kind maintenance or replacement of existing bricks and maintenance to wood trim on the roofline) as per plans on file in the Planning Department.

After due deliberation, the Commission voted that the request be **approved** with the following stipulation:

- 1. The applicant shall use the color: MGAB3 of the presented pre-cast concrete options to repair the existing brownstone quois.
- 2. The applicant shall submit the final window selection for Administrative Approval that would meet the Historic District guidelines:
 - a. 2/2 & 1/1 (smaller window)
 - b. Jamb liner matches window

Findings of Fact: The proposed application meets the following purposes of the Historic District Ordinance (as applicable):

A. Purpose and Intent:
✓Yes □ No - Preserve the integrity of the District
☐ Yes ☐ No - Maintain the special character of the District
☐ Yes ☐ No - Assessment of the Historical Significance
☐ Yes ☐ No - Complement and enhance the architectural and historic character
☐ Yes ☐ No - Conservation and enhancement of property values
☐ Yes ☐ No - Promote the education, pleasure & welfare of the District to the city resident
and visitors.

Page 2

Re: 29-41 Congress Street

March 12, 2019

The proposed application also meets the following review criteria of the Historic District Ordinance (as applicable):

B	Rev	riew	Crite	ria:
L,	TIVI	TOTAL	CIIU	1164.

□Yes	No -	Consistent with special and defining character of surrounding properties
☐ Yes	No-	Relation to historic and architectural value of existing structures
□ Yes	No -	Compatibility of design with surrounding properties
✓ Yes	No-	- Compatibility of innovative technologies with surrounding properties

PLEASE NOTE THE FOLLOWING:

- Other Approvals Approvals may also be required from other Committees and/or Boards prior to the issuance of a Building Permit.
- <u>Construction Drawings</u> Prior to the issuance of a Building Permit the Building Inspector will review
 and approve construction drawings/sketches so work shall not commence until the review process is
 complete and a Building Permit issued.
- <u>Design Modifications and Fees</u> Please note that any changes or modifications to this approval require review and approval from the HDC prior to implementation. Starting July 1st, 2016, a \$100 fee will be required for any subsequent Administrative Approvals for work not yet completed and a \$500 fee will be assigned for any work completed prior to approval.
- Site Inspections and Compliance Review The City's Land Use Compliance Agent, Vincent Hayes, will be inspecting the work during construction and will be available to assist you in making any other requests or inquires on this matter. If you have any questions please feel free to contact the Principal Planner, Nick Cracknell at nicracknell@cityofportsmouth.com or Mr. Hayes at vihayes@cityofportsmouth.com.

The minutes and tape recording of the meeting may be reviewed in the Planning Department.

Respectfully submitted,

Vincen Lombardi, Chairman Historic District Commission

cc: Robert Marsilia, Building Inspector Rosann Maurice-Lentz, Assessor 29-41 Congress Street, LLC, Owner Eric Frizzell, Applicant

Frizzell Historic District DH

Quote #: FZW2ZCD

A Proposal for Window and Door Products prepared for: **Job Site:** 03801

Shipping Address: SELECTWOOD-MWD SHOWCASE 275 CONSTITUTION AVE PORTSMOUTH, NH 03801-8600

Featuring products from:





The Choice For Building Professionals.

BILL PHOFOLOS SELECTWOOD-MWD SHOWCASE 275 Constitution Avenue Portsmouth, NH 03801 Phone: (603) 436-9663

Email: billp@selectwood.com

This report was generated on 3/22/2019 9:23:24 AM using the Marvin Order Management System, version 0002.25.05 (Current). Price in USD. Unit availability and price are subject to change. Dealer terms and conditions may apply.

OMS Ver. 0002.25.05 (Current)
Product availability and pricing subject to change.

Frizzell
Historic District DH
Quote Number: FZW2ZCD
Architectural Project Number:

Global Specs

The following product and option choices were designated as part of this project's Global Spec. Global Specs can be over-ridden on a line item basis. Exceptions to the specification are outlined in Line Item Quotes. Please proof all units thoroughly to ensure accuracy.

OMS Ver. 0002.25.05 (Current)

Processed on: 3/22/2019 9:23:23 AM

Frizzell
Historic District DH
Quote Number: FZW2ZCD
Architectural Project Number:

UNIT SUMMARY

The following is a schedule of the windows and doors for this project. For additional unit details, please see Line Item Quotes.

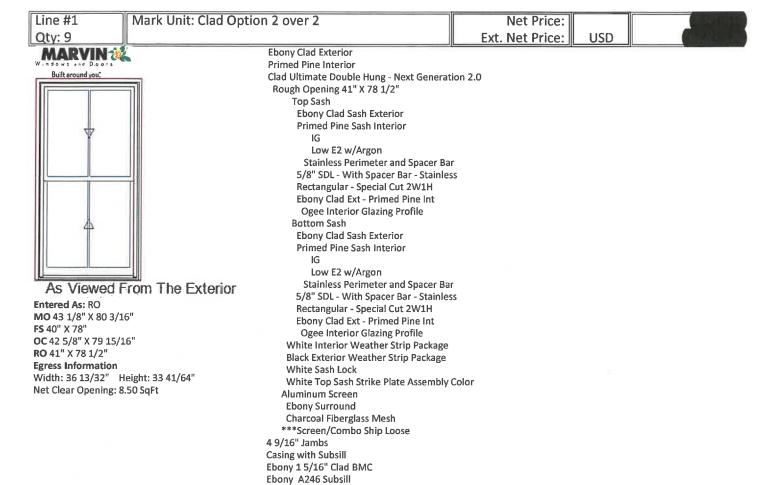
Additional charges, tax or Terms and Conditions may apply. Detail pricing is per unit.

NUMB	ER OF LINES: 2		TOTAL UNIT QTY: 13	EXT NET PRICE:	USD	
LINE	MARK UNIT	BRAND	ITEM	NET PRICE	QTY	EXTENDED NET PRICE
1	Clad Option 2 over 2	Marvin	Clad Ultimate Double Hung - Next Generation 2.0 RO 41" X 78 1/2" Entered as RO 41" X 78 1/2"	0.01	9	FRICE
2	Clad Option 1 over 1	Marvin	Clad Ultimate Double Hung - Next Generation 2.0 CN 1626 RO 22 1/4" X 60" Entered as CN 1626		4	

Frizzell
Historic District DH
Quote Number: FZW2ZCD
Architectural Project Number:

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.



***Note: Unit Availability and Price is Subject to Change

Initials required

Seller: _____

Buyer: ____

Line #2 Qty: 4 MARVIN

Built around you:

Mark Unit: Clad Option 1 over 1

Nailing Fin

Net Price: Ext. Net Price:

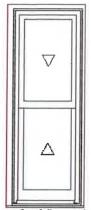
USD



Ebony Clad Exterior
Primed Pine Interior
Clad Ultimate Double Hung - Next Generation 2.0
CN 1626
Rough Opening 22 1/4" X 60"
Top Sash
Ebony Clad Sash Exterior
Primed Pine Sash Interior
IG - 1 Lite
Low E2 w/Argon

Low E2 w/Argon Stainless Perimeter Bar Ogee Interior Glazing Profile

Frizzell
Historic District DH
Quote Number: FZW2ZCD
Architectural Project Number:



As Viewed From The Exterior

Entered As: CN MO 24 3/8" X 61 11/16" CN 1626 FS 21 1/4" X 59 1/2" OC 23 7/8" X 61 7/16" RO 22 1/4" X 60" Egress Information

Width: 17 21/32" Height: 24 11/16" Net Clear Opening: 3.03 SqFt

Bottom Sash Ebony Clad Sash Exterior Primed Pine Sash Interior IG - 1 Lite Low E2 w/Argon Stainless Perimeter Bar Ogee Interior Glazing Profile White Interior Weather Strip Package Black Exterior Weather Strip Package White Sash Lock White Top Sash Strike Plate Assembly Color Aluminum Screen **Ebony Surround** Charcoal Fiberglass Mesh ***Screen/Combo Ship Loose 4 9/16" Jambs Casing with Subsill Ebony 15/16" Clad BMC Ebony A246 Subsill **Nailing Fin** ***Note: Unit Availability and Price is Subject to Change

Seller: _____

Project Subtotal Net Price: USD 0.000% Sales Tax: USD Project Total Net Price: USD



OMS Ver. 0002.25.05 (Current)

Processed on: 3/22/2019 9:23:23 AM

OMS Ver. 0002.25.05 (Current)
Product availability and pricing subject to change.

Frizzeli Historic District DH Quote Number: FZW2ZCD Architectural Project Number:

Terms and Conditions

OMS Ver. 0002.25.05 (Current)

Processed on: 3/22/2019 9:23:23 AM

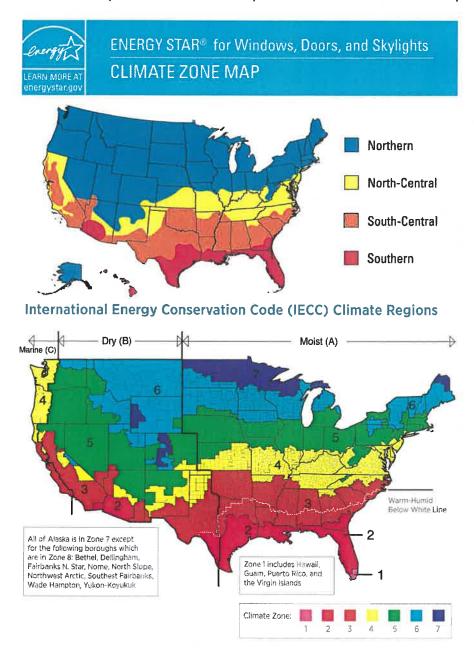
Product and Performance Information

NFRC energy ratings and values may vary depending on the exact configuration of glass thickness used on the unit. This data may change over time due to ongoing product changes or updated test results or requirements.

The National Fenestration Rating Council (NFRC) has developed and operates a uniform national rating system for the energy performance of fenestration products, including windows and doors. For additional information regarding this rating system, see www.nfrc.org.

Processed on: 3/22/2019 9:23:23 AM

Review the map below to determine if your units meet ENERGY STAR for your location.



Clad Ultimate Double Hung Collection:

Clad Ultimate Single Hung - Next Generation 2.0: CUSH-NG 2.0

Clad Ultimate Double Hung - Next Generation 2.0: CUDH-NG 2.0

Clad Ultimate Double Hung Picture - Next Generation 2.0: CUDHP-NG 2.0

Clad Ultimate Double Hung Transom - Next Generation 2.0: CUDHT-NG 2.0

Clad Ultimate Double Hung Bows and Bays - Next Generation 2.0: CUDHBB-NG 2.0

Clad Ultimate Double Hung - Next Generation 2.0 IZ3: CUDH-NG 2.0 IZ3

Clad Ultimate Double Hung Picture - Next Generation 2.0 IZ3: CUDHP-NG 2.0 IZ3

Clad Ultimate Double Hung Transom - Next Generation 2.0 IZ3: CUDHT-NG 2.0 IZ3

NOTE: Clad Ultimate Double Hung Bows and Bays - Next Generation 2.0, Clad Ultimate Double Hung - Next Generation 2.0 IZ3, Clad Ultimate Double Hung Picture - Next Generation 2.0 IZ3, and Clad Ultimate Double Hung Transom - Next Generation 2.0 IZ3 are not available with CE mark.

Frame:

- Frame thickness:
- 11/16" (17) thick at head and jambs
- · 1 13/32" (36) thick at sill
- Frame Width: 4 9/16" (116)

Sash:

- Operating / Stationary Sash (Single Hung, Double Hung, Transom):
- · Sash thickness: 1 3/4" (44), corner slot and tenoned
- o Top rail height: 2 13/32" (61)
- · Stiles width:1 21/32" (42)
- Bottom rail height (operating): 3 1/4" (83)
- · Bottom rail height (transom): 2 3/4" (70)
- Stationary Picture Sash:
- · Sash thickness: 1 3/4" (44), corner slot and tenoned
- o Top rail height: 2 13/32" (61)
- · Stile width: 2 13/32" (61)
- · Bottom rail height: 3 1/4" (83)
- Optional CW (Commercial Window) certified product
- Sash Options
 - · Standard: Equal
 - · Optional: Unequal, Both Sash Stationary
- Standard exterior cope profile: Putty
- · Standard interior wood cope sticking: Ogee
- · Optional interior wood cope sticking: Square

Clad Ultimate Double Hung - Next Generation 2.0



Unit Features

Glass and Glazing:

- · Glazing method: Insulating Dual Pane or Tri Pane
- · Glazing seal: Silicone glazed
- Standard glass is Insulating Low E2 Argon or air
- Optional dual-pane glass make-ups:
- · Low E1 Argon or Air,
- · Low E3 Argon or Air,
- · Low E2/ERS Argon or Air,
- Low E3/ERS Argon or air, Laminated, Tempered, Obscure, Bronze tint, Gray tint, Green tint, Reflective Bronze and decorative glass options
- Optional Tri Pane glass make-ups:
 - · Low E2/E1 Argon or Krypton-Argon, or Air
- Low E3/E1 Argon or Krypton-Argon, or Air
- Low E1 Argon, Krypton-Argon, or Air
- Available glass types:
- Laminated
- Tempered
- · Obscure
- Clear
- Tints
- Bronze
- ∘ Grav
- Green
- Reflective Bronze
- Decorative glass options:
- Frost
- Reed
- Narrow Reed
- Rain
- Sandblasted
- · Glue Chip
- Glazing will be altitude adjusted for higher elevations with capillary tubes. Argon, Argon-Krypton, and Krypton gas not included
- StormPlus IZ3 has annealed exterior pane is default with the option to temper
- CUDHP-NG 2.0 IZ3 product requires tempered glass on units above a glass square footage of 33.1.
- Egress may be affected when selecting specialty glass, please contact your Marvin representative
- For additional specialty glazing options, please contact your Marvin representatives.

CE Optional Glazing:

- · Glazing method: Insulating
- · Glazing seal: Silicone glazed
- Standard glass is 7/8" (22) insulating Low E2 Argon or air
- Optional dual glazing available: Low E1 Argon or air, Low E3 Argon or air, Low E2/ERS argon or air, Low E3/ERS Argon or air, clear, laminated clear and tints, tempered, sandblasted
- Optional Tripane glass types: Low E1/E1 Argon or Krypton-Argon, Low E2/E2 Argon or Krypton-Argon, Low E3/E1 Argon or Krypton-Argon
- Glass panes available in 3, 4, and 6 mm thicknesses
- Laminated panes available in 7.0 and 7.8 mm thicknesses
- · Glazing will be altitude adjusted for higher elevations, Argon, Argon-Krypton, and Krypton gas not included

Weather Strip:

- Operating units:
 - Jambs: Foam-filled bulb
 - . Color: beige, black, and white
 - · Head Jamb: Continuous dual leaf
 - . Color: beige, black, and white
- · Check rail: Hollow bulb
 - . Color: beige, black, and white
- · Bottom rail: Hollow bulb
 - · Color: black
- Picture units:
- Jambs: Foam
- · Header and bottom rail: Hollow bulb

Hardware:

- Locking system that provides locking, unlocking, balancing, and tilting of the sash members. Lock automatically locks when both sash are closed.
- Lock Actuator Assembly:
 - Material
 - Zinc die cast
 - · Standard finish: Satin Taupe
 - Optional finish: White, Bronze, Matte Black, Brass, Antique Brass, Polished Chrome, Satin Chrome, Oil Rubbed Bronze, or Satin Nickel
 - · Design features or components
 - To unlock the unit, turn the handle 135°
 - To lock the unit, both sash must be moved to the closed position
 - To tilt the bottom sash for wash-mode, the bottom sash must be open; push the button on top of lock handle and rotate the handle 180°
 - To tilt the top sash for wash-mode, the bottom sash must be tilted and/or removed from frame; lower the top sash to a good working height, retract the tilt latches on the top rail and tilt sash out of the frame
- Options
 - Non-tilt hardware is standard on units with performance brackets
 - Custodial hardware colors: satin taupe, white, bronze, matte black
- Lift Lock (Option for Single Hung Only)
- · Available with one or two locks
- Lift lock handle assembly is integrated into the bottom rail of the sash and controls locking, unlocking and facilitates operation
 of the bottom sash.
- · Two locks are not available on sash less than CN26 width
- Material
 - Zinc die-cast
- Finishes
 - Lift and Escutcheon components Bronze, Satin Taupe, White, Matte Black, Oil Rubbed Bronze, Antique Brass, Brass, Polished Chrome, Satin Chrome, Satin Nickel
 - . Sill Strike: White, Black, Beige
- Latches
- Bottom sash latch, top sash tilt latch
- · Latches accommodate locking/un-locking, travel of sash in frame, and tilting into wash-mode
- · Injection-molded plastic
- · Color: beige
- Cord guide assembly
- Injection-molded plastic and die-cast zinc
- · One cord guide inserted into bottom check rail
- · Cord guide is driven by lock handle, accounts for cord travel to retract latches
- · Plunger drives auto-lock feature to lock position when both sash are closed
- Strike Assembly
 - · Zinc die-cast strike plate and injection-molded Acetal housing and button
 - · Strike assembly accommodates locking/unlocking

- Balance system
 - · Block & tackle balance
- · Hybrid spiral balance

Balance type is dependent on sash weight. Unit size, glass type, and options can all impact sash weight. General balance selection is as follows (some exceptions exist based on unit size):

Sash	Sash Weight	Balance Tube Type
Тор	up to 35 lbs	Block and Tackle
	>35 lbs	Hybrid Spiral
Bottom	up to 30.6 lbs	Block and Tackle
	>30.6 lbs	Hybrid Spiral

- Sash Limiter
 - · Bottom sash limiter:
 - Available on all operator configurations, and StormPlus IZ3
 - Selectable bottom sash locations, 4", 6" or 8" Net Clear Opening (NCO)
 - Non-tilt hardware is default, and a sash removal tool is required in order to by-pass the Sash limiter for sash removal (tilt wash mode)
 - Standard application is factory applied. Available for retrofit applications.
 - Color: Will align with the Interior Weather Strip Package selection
- Top Sash Limiter
 - Available on all operator configurations, with the exception Single Hung configurations. This includes StormPlus IZ3
 - Selectable bottom sash locations, 4", 6" or 8" Net Clear Opening (NCO)
 - Standard application is factory applied. Available for field applications
 - Color: Will align with the Exterior Weather Strip Package selection
- Optional factory applied Window Opening Control Device is available on operating units.
- Two devices will be applied to each window and will default color match the lock handle color.
- WOCD is a device consisting of a zinc lever housed in a zinc shell on the top sash stile of the secondary sash and an acetal stop on the bottom check rail of the primary sash.
- Color: Satin Taupe, White, Bronze, Matte Black, Brass, Antique Brass, Polished Chrome, Satin Chrome, Oil Rubbed Bronze, and Satin Nickel.
- This device works in accordance to ASTM F2090-17 Standard Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms.
- Exterior Sash Lugs Standard Option
 - Standard Profile: Ogee
 - · Available on Top Sash
- · Color: Available in all exterior clad color options
 - · Color shall be the same as top sash clad color
- · Standard application is factory applied. Available for field applications
- Optional Finger Pull
- Single or double (not available on units less than CN26: Frame OM 31 1/4" (794))
- Not available with Lift Lock
- Performance Rating Option
 - Option to eliminate performance brackets on specific size units to allow for standard tilt hardware. Reduces performance from an LC-PG50 to LC-PG35.
 - Option for a CW (Commercial Window) performance rating.

Mulling:

For mull performance, refer to the General Mulling chapter of the ADM. Unit Features



Insect Screens:

- Standard screen frame is roll formed aluminum
- · Aluminum screen: Full screen standard, half screen optional
- Aluminum surround to match exterior frame clad color
- Units with a glass height of 20" (508) or greater will have a center cross bar
- · Screen mesh:
 - · Standard: Charcoal Fiberglass
- Optional: Charcoal High Transparency Fiberglass Mesh, Charcoal Aluminum Wire, Black Aluminum Wire, Bright Aluminum Wire, or Bright Bronze Aluminum Wire
- Optional Double Hung Magnum screen, extruded aluminum

Retractable Screen:

- Screen and its associated hardware shall fit with in a 4 9/16" frame, minimal exposure and shall not interfere with common window dressings
- Pull bar will protrude beyond the interior 4 9/16" plane of the window
- Standard screen mesh: stiffened high transparency mesh
- Not available with Lift Lock
- Optional pull bar latch hardware shall be available in beige, white, or black
- Standard for Bare/Non Finger-Jointed Pine shall be beige
- · Standard for Prime and Painted Interior Finish shall be white
- · Standard for Mahogany and Cherry wood species shall be black
- · Standard for stained finish of Wheat or Honey shall be beige
- · Standard for stained finish of Hazelnut, Leather, Espresso, Cabernet shall be black
- · Pull bar fin is available in beige or black
- Mesh retention pile is available in white or black
 - The standard is black unless PIF, Prime or Bare is chosen

Combination Storm Sash and Screen:

- Frame: Extruded aluminum frame .045"(1.1) thick. Color: Stone White, Bahama Brown, Pebble Gray and Evergreen
- Insect screen:
 - · Standard Screen mesh: Charcoal Aluminum Wire
 - Optional screen material: Charcoal Fiberglass Mesh, Black Aluminum Wire, Bright Aluminum Wire, Bright Bronze Wire
 Optional Charcoal High Transparency Fiberglass Mesh (CH Hi-Tran)
- Weather strip: Pile weather strip between operating panels and at stiles of main frame
- Hardware: Spring-loaded latches to secure storm panel
- Max size: 45 1/4" x 79 1/2" frame size

Lock Status Sensor (Optional):

- Refer to Lock Status Sensor Installation Instructions for requirements.
- The Lock Status Sensor detects an open or closed status on Clad Ultimate Double Hung Next Generation 2.0 units and Ultimate Single Hung units. A "locked" status is inferred from the presence of the Auto-Lock feature which activates the locking mechanism when the operating panels are closed. It allows easy integration with home automation systems through a wired or wireless connection.
- For wired option, check with local codes on potential contractor requirements for low voltage networking connections.
- · Wireless option available. Requires purchase of secondary transmitter for operation. Marvin will prep for this option.
- Wireless Lock Status Sensor is located within the width and height of the frame.
- Sensor Location
 - Will always be located on the right-hand side of the check rail (from the exterior) for the bottom sash. For the top sash, the sensor will be located in the header parting stop of the frame on the right side (from the exterior).
- For Wired or Wireless, Black or White Magnet Covers only visible on secondary surface. Cover color dependent upon interior finish.
 - · White: Prime and White Painted Interior Finish
 - · Black: Bare and all other finish options



Interior Shade:

- Cellular shade is attached to the window with a removable surround system that houses the cellular shade system
 - Minimum jamb depth required 5 13/16" (148)
 - · Shade cartridge is removable and replaceable
 - · Shade control: Top down, bottom up
 - Retractable screen option can be used in conjunction with the interior shade with 6 9/16" minimum jamb depth
- Wood wrapped extruded aluminum cellular shade
 - Single non-fire rated hexagonal honeycomb (cellular) 3/4" (19)
 - · Semi-opaque fabric (light filtering)
 - Colors: Driftwood, Marigold, Almond, Rose, Denim, Biscuit, Champagne, Moss, Cinnamon, Silver, White, Stone, Tan, Ivory, Eggshell
 - Opaque fabric (blackout)
 - Colors: White, Stone, Tan, Ivory, Eggshell
- Order options:
 - Ship separate: Shade system packages separate and ships same time as the unit
- · Ship later: Shade system at a later date chosen by the customer
 - Shade option must be chosen at the time of unit order
 - Fabric opacity and color can be chosen at later date
- · Retro fit: Ordered as a complete shade system through configured parts

Cottage Unit:

The following formula will properly size a standard cottage style double hung:

Formula

- 1. Select the standard size double hung that will fit the rough opening
- 2. Subtract 7 1/2" (191) from the frame size height to get total glass height
- 3. Multiply the total glass height by the desired top sash ratio, this is the top sash glass height
- 4. Subtract the top sash height from the total glass height, this is the bottom sash glass height

Example

- 1. CUDH-NG 2.0 with a 0.400 top sash ratio (2/5 3/5) cottage style. If the rough opening is 2'-4 1/4" x 4' (RO for a CUDH-NG 2.0 2020) the frame size will be 25 1/4" x 47 1/2"
- 2. 47 1/2" 7 1/2" = 40"
- 3. 40" multiplied by 0.400 (2/5) = 16"
- 4. 40" 16" = 24"
- 5. The top sash will be a 2016 and the bottom sash will be a 2024. The call number for the example is: CUDH-NG 2.0 2016/24.

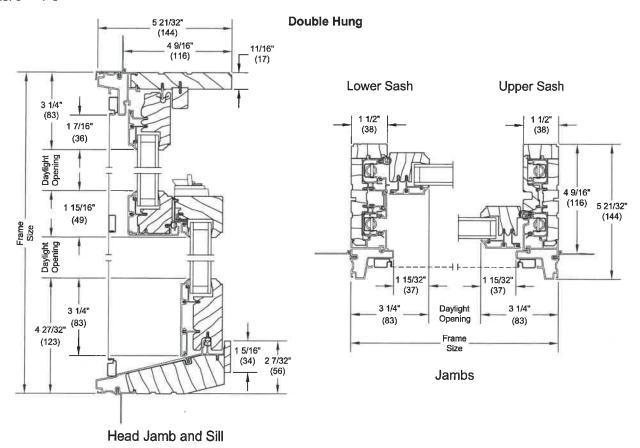
CE Mulling Options

- Mulled assemblies up to 120" (3048) x 79 1/2" (2019) as a 1H x multi-width assembly
- Mulled assemblies up to 59 1/4" (1505) x 119 1/2" (3035) as a multi-high x 1W assembly
- Mulled assemblies with 1" (25) LVL or 3/8" (10) aluminum mull reinforcement up to 120" (3048) x 100 3/8" (2550) as a
 multi-wide or multi-high assembly

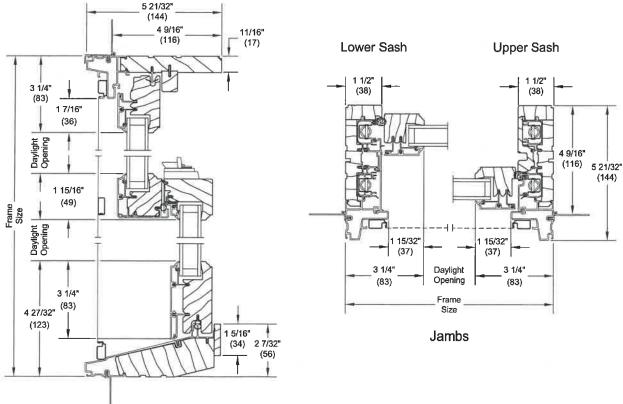


Section Details: Operating

Scale: 3" = 1' 0"



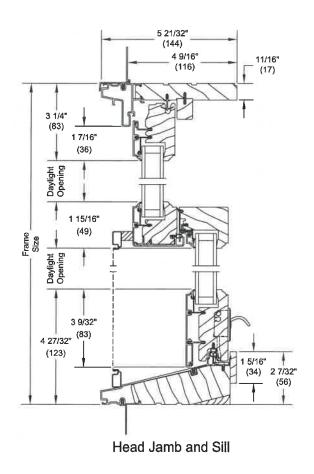
Single Hung

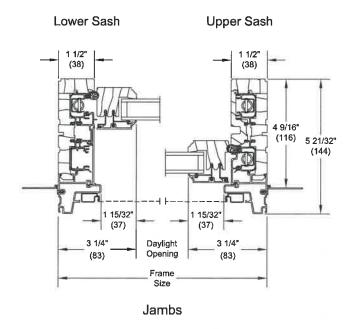




Section Details: Operating (with Optional Lift Lock Hardware)

Scale: 3" = 1' 0"

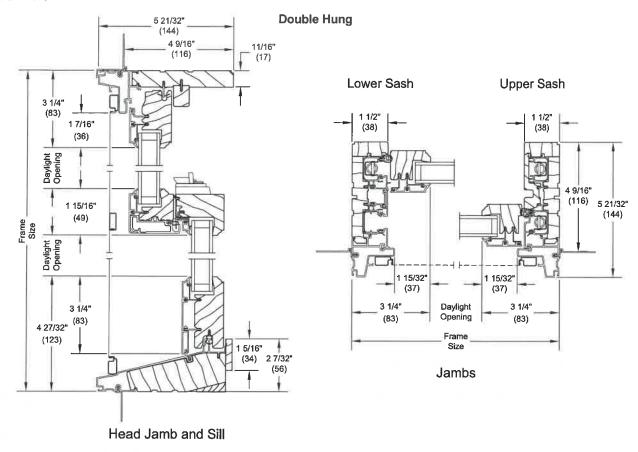




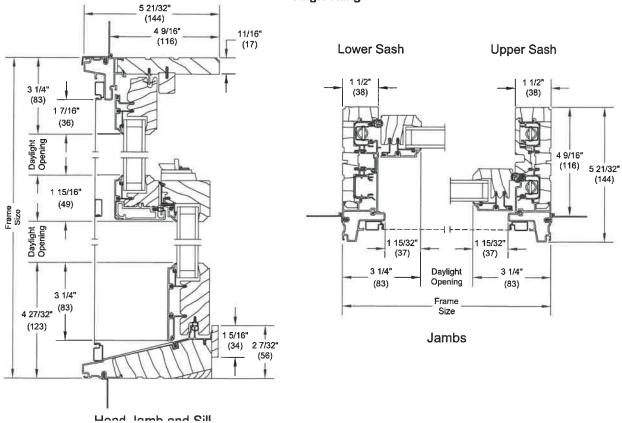


Section Details: Operating (Commercial Window Performance Rating)

Scale: 3" = 1' 0"



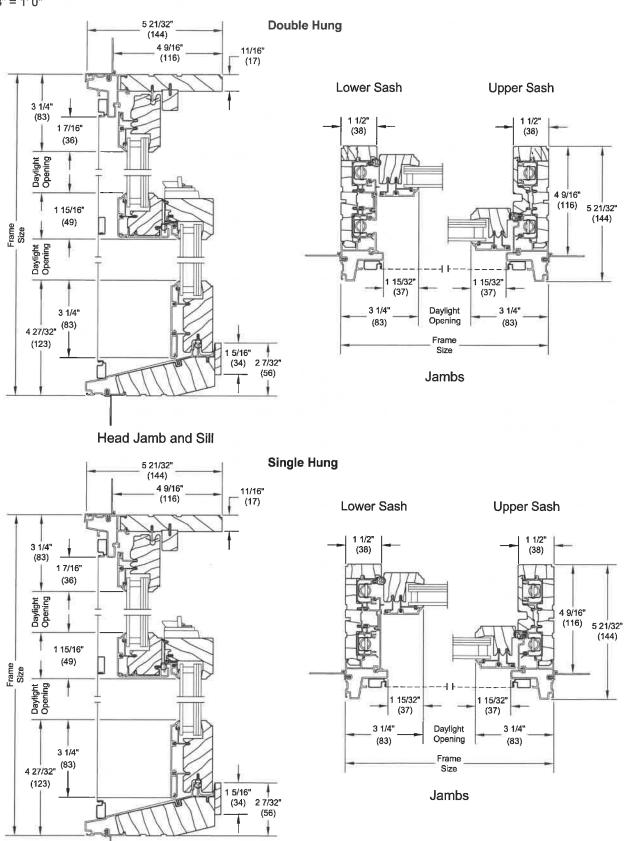
Single Hung





Section Details: IZ3 Operating

Scale: 3" = 1' 0"

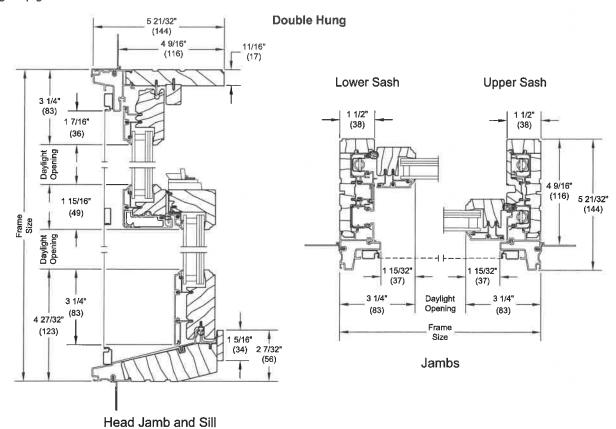


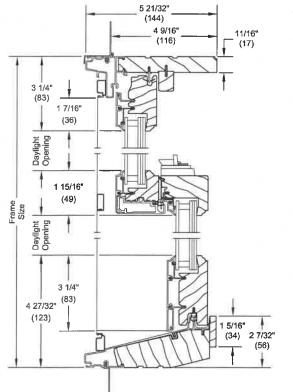
NOTE: CE mark is not available on Impact units.



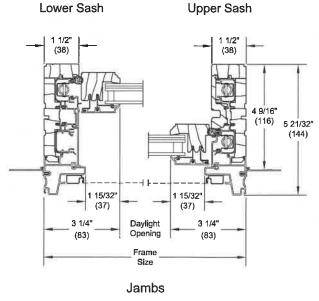
Section Details: IZ3 Operating

Scale: 3" = 1' 0"





Single Hung



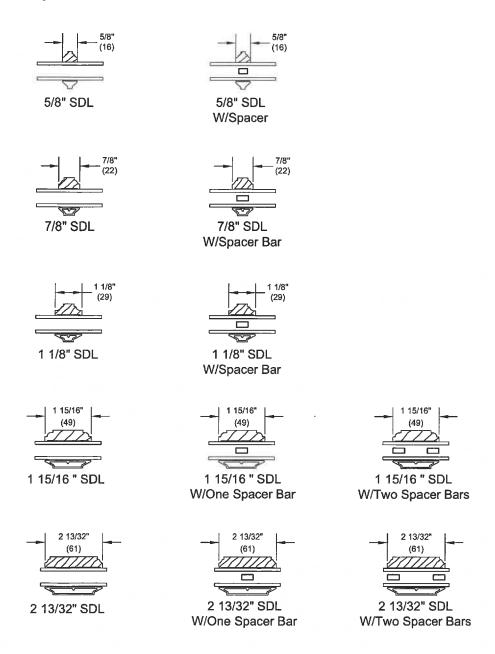
Head Jamb and Sill

NOTE: CE mark is not available on Impact units.

Reinforced check rail required for applicable sizes)

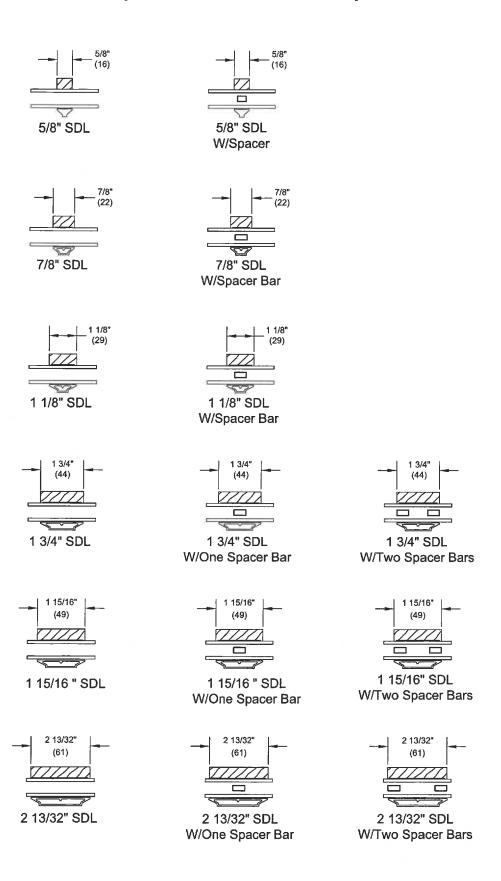


Lite Options





Optional Interior Square Simulated Divided Lite Option



4. 873 Middle Street (HVAC) - Recommend Approval

<u>Background</u>: This applicant is seeking to a 2 HVAC condensers to the sideyard of the property. Existing landscaping will screen the condensers from public view and the conduit will run to the attic floor along the corner trim board and be painted to match the trim.

<u>Staff Comment</u>: Recommend for approval.

Application for Approval - Administrative

Historic District Commission



Owner: COOPER, Wallace & Barb	Applicant (if different):
Address: 873 Middle Street #1 (Street) Portsmouth, NH 03801	Address: (Street)
(City, State, Zip)	(City, State, Zip)
Phone: 603-430-8617	Phone:
Signature: Wallace L C	dejer
ocation of Structure: Map <u>0149</u> L	Lot 0062 Street Address: 873 Middle Street #1
Building Permit #:	
Building Permit #: To permit the following: _Installation	of high velocity air conditioning - 2 condensers to be placed be n, Yew, Spirea) on 30"by 30" pads. One pipe from the attic, white
To permit the following: Installation 30 year old plants (Rhododendron	of high velocity air conditioning - 2 condensers to be placed be
To permit the following: Installation 30 year old plants (Rhododendron	of high velocity air conditioning - 2 condensers to be placed be
To permit the following: Installation 30 year old plants (Rhododendron placed in the white trim.	of high velocity air conditioning - 2 condensers to be placed be n, Yew, Spirea) on 30"by 30" pads. One pipe from the attic, white
To permit the following: Installation 30 year old plants (Rhododendron placed in the white trim. Action Taken by H.D.C. at	of high velocity air conditioning - 2 condensers to be placed be n, Yew, Spirea) on 30"by 30" pads. One pipe from the attic, white
To permit the following: Installation 30 year old plants (Rhododendron placed in the white trim. Action Taken by H.D.C. at Date of Approval:	of high velocity air conditioning - 2 condensers to be placed be n, Yew, Spirea) on 30"by 30" pads. One pipe from the attic, white the structure of the placed be not be not be placed be not be placed be not be placed be not be placed be not be n
To permit the following: Installation 30 year old plants (Rhododendron placed in the white trim. Action Taken by H.D.C. at Date of Approval:	of high velocity air conditioning - 2 condensers to be placed be n, Yew, Spirea) on 30"by 30" pads. One pipe from the attic, white the spire is a spire in the placed be not be not be placed be not be not be placed be not
To permit the following: _Installation of the line of	of high velocity air conditioning - 2 condensers to be placed be n, Yew, Spirea) on 30"by 30" pads. One pipe from the attic, white the structure of the placed be not be not be placed be not be placed be not be placed be not be placed be not be n
To permit the following: Installation 30 year old plants (Rhododendron placed in the white trim.	of high velocity air conditioning - 2 condensers to be placed be n, Yew, Spirea) on 30"by 30" pads. One pipe from the attic, white the spire is a spire in the placed be not be not be placed be not be not be placed be not
To permit the following: _Installation of the state of th	of high velocity air conditioning - 2 condensers to be placed be n, Yew, Spirea) on 30"by 30" pads. One pipe from the attic, white the spire is a spire in the placed be not be not be placed be not be not be placed be not be placed be not be placed be not be
To permit the following: _Installation of the state of th	of high velocity air conditioning - 2 condensers to be placed be n, Yew, Spirea) on 30"by 30" pads. One pipe from the attic, white the spire is a spire in the placed be not be

I hereby acknowledge that all changes or variation in the design as presented shall require further Historic District Commission approval.

Owner

Revised: 11 April 17

March 26, 2019 873 Middle Street, Unit 1 Portsmouth NH 03801

Mr. Nicholas J. Cracknell Principal Planner City Hall 1 Junkins Av Portsmouth NH 03801 RECEIVED

MAR 2 9 2019

BY:_____

Dear Mr. Cracknell:

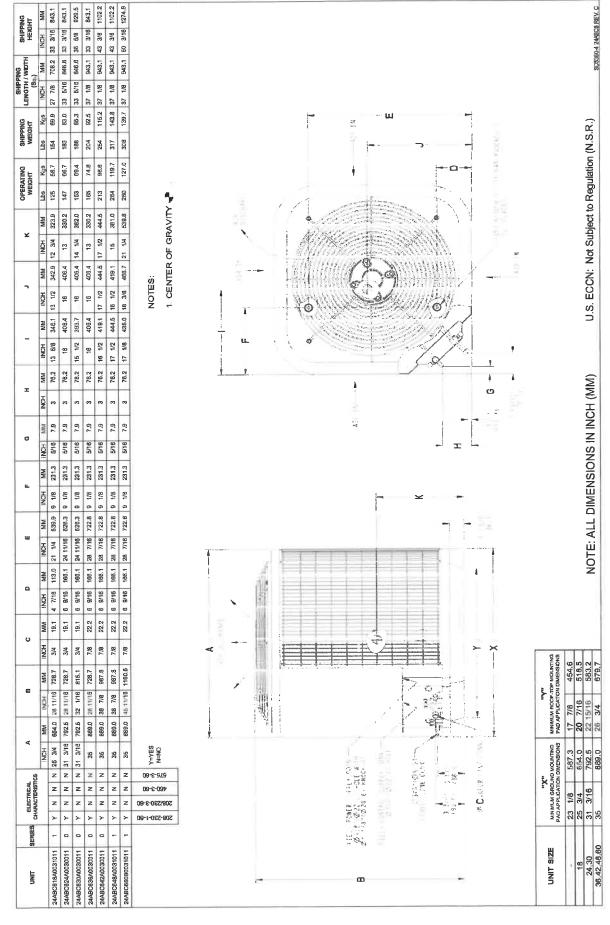
As promised, please find enclosed the documentation for our request to install air conditioning.

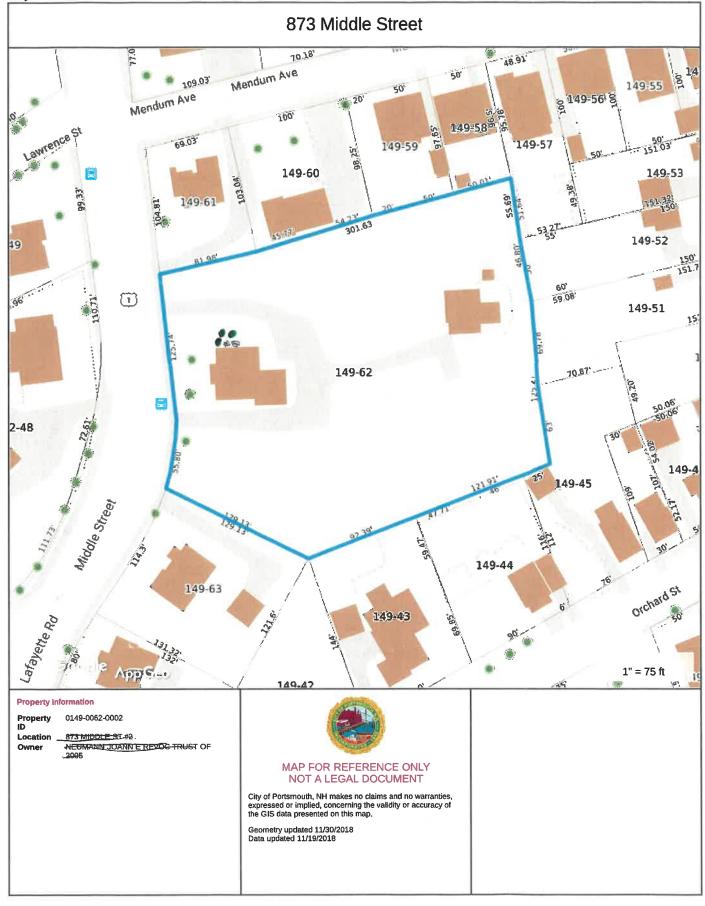
Sincerely,

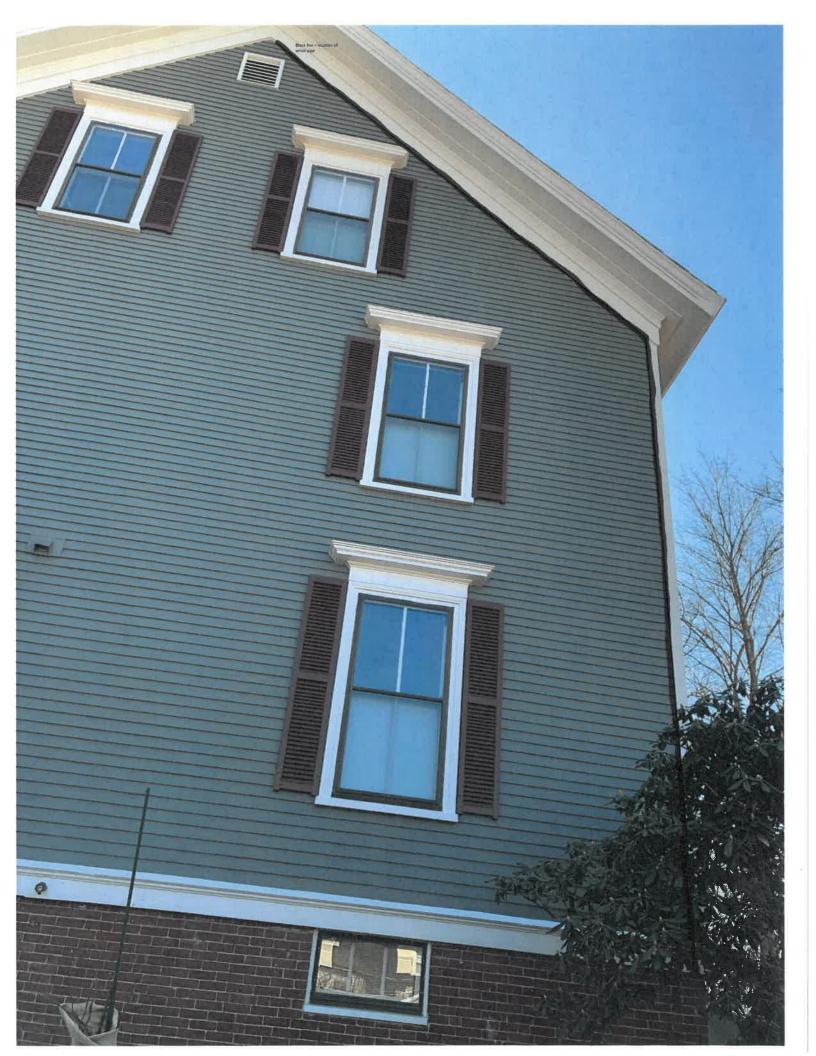
Wallace L. Cooper

TEL: 603-430-8617 MOBILE: 603-767-8227

DIMENSIONS







5. 409 Deer Street (ADA Ramp & Dormer Roof) - TBD

<u>Background</u>: This applicant is requesting approval for a ADA ramp and adding a seamed copper roof instead of soldered copper.

Staff Comment: TBD.

Application for Approval - Administrative

Historic District Commission



Owner: DAY LLC.	Applicant (if different):
Address: P.O. Box 1	Address:
NEW CASTVE, NH 0325	(Street)
(City, State, Zip) Phone: (a03-501-9999)	(City, State, Zip) Phone:
Signature:	
Location of Structure: Map ONS Lot _ Building Permit #:	0026 Street Address: 403 DEEL ST # 7-13
To permit the following:	
•	SKIGHT DELL W/SMATUS
3 BANA	CUPPER RUTE THIS PART OF SOLDERED COPPER.
Action Taken by H.D.C. at Pu	Administrative Use Only:
Date of Approval:	
Recommendation:	Date of Meeting:
Stipulations:	Payment:
	Payment Type:
	Index/Permit #:
Signature of Principal Planner:	
<u>lf approved,</u> please acknowledge belov	v :
l hereby acknowledge that all changes or District Commission approval.	variation in the design as presented shall require further Historic
DM	Revised: 11 April 17

