HDC

ADMINISTRATIVE APPROVALS

July 11th, 2018

- 1. 414 State Street (HVAC)
- 2. 32 Partridge Street (chimney)
- 3. 109 Bow Street Unit #2 (deck)
- 4. 8 Islington Street (historic marker sign)
- 5. 46 Maplewood Ave. (building height)
- 6. 8 Bow Street (misc. changes)
- 7. 41 Salter Street (windows)
- 8. 105 Marcy Street (windows and doors) Recommend Approval
- 9. 11 Walden Street (storm windows)
- 10. 299 Vaughan Street (misc. changes)

- TBD
- Recommend Approval
- Recommend Approval
- Recommend Approval
- TBD
- TBD
- Recommend Approval
- Continuance
- Recommend Approval

*Not	for	Publ	ic	Hearing
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Application for Approval - Administrative

Historic District Commission

12		DEGEIVE JUN 1 2 2018	
	Date:	By	_

Owner: MARIA DOWNING Applic	ant (if different):
Address: 414 STATE ST. Address	
FORR MOUNT	(Street)
(City, State, Zip) Phone: 603-781-8046 Phone	(City, State, Zip)
Thorie. CON 10 Phone	:
Signature:	
Location of Structure: Map 11 to Lot 3 Stre	eet Address: 4141 State St.
Building Permit #:	
To permit the following:	I UNIT ATTICHED
NO STREET Vien	
Action Taken by H.D.C. at Public Meeting Date of Approval:	Administrative Use Only:
Recommendation:	Date of Meeting: 7-11-11
Stipulations:	Payment: 100 .00
	Payment Type:
	Index/Permit #:
Signature of Principal Planner:	
f approved, please acknowledge below:	
hereby acknowledge that all changes or variation in the listrict Commission approval.	design as presented shall require further Historic
Dwner -	Revised: 11 April 17
WITC	

Izak Gilbo

From:

Justin McMaster - East Coast HVAC < justinm@eastcoasthvac.com>

Sent:

Monday, July 2, 2018 6:30 PM

To:

Izak Gilbo

Cc:

'Marta Downing'

Subject:

RE: Marta Downing- Mitsubishi Unit Spec.

Attachments:

InkedDowningBackHouse_LI.jpg; DowningBackHouse2.jpg; DowningSideHouse1.jpg;

DowningSideHouse2.jpg

Hi guys-

I've put the link below that will bring you to the spec sheet info on this condenser that we're planning on installing for Marta. So you'll find all the dimensions of that unit and other info that you may need right on that website. I've also attached a couple of pictures which sort of map out roughly where we were planning on putting the equipment and running the line sets (covered in fortress) to get to the two indoor heads. All the line sets/interconnecting wiring/drainage that's run on the exterior of the building will be covered by white fortress covering which is a conduit to hide all that and it looks like a white gutter which could also be painted to match the house after the install if she wanted to. I had to hand draw these onto the pictures on my computer using my mouse so they're not perfect by any means! This is also just a rough idea on where I was picturing the condenser going but Marta could chime in if she was picturing it somewhere else on that same back wall. So we were planning on wall mounting the condenser (drawn in a white square on the "Back House" pictures) somewhere on that back wall and then running the line sets around the corner (the corner to the left of the condenser) to get to that side wall where we would run them straight across up pretty high so we're right underneath the roof line. We would put both sets of refrigerant lines & wiring in the same white fortress covering run (drawn in black on these pictures) so you'd only see that one conduit instead of two separate conduit runs. Once we get in the spot where we'd be directly above the indoor unit for the back bedroom area, we would use a Tee fitting so we could run the fortress down about 1.5 feet to connect into the back of the indoor unit for the back bedroom area but we'd also continue that straight run across the side wall to get to the other indoor unit too. So the fortress run would continue straight across that side wall underneath the roof line until it connects into the back of the second indoor unit which is for the front area of her home. The white fortress covering we would be using is 4.5 inches so it's very uninstructive especially if it was painted to match the house. Please let me know if you need any other info or if there's anything else I can do to help. Thanks again.

Spec Info on Outdoor Condenser- http://meus1.mylinkdrive.com/files/MXZ-3C30NA2_Submittal.pdf

Justin McMaster

From: Izak Gilbo <igilbo@cityofportsmouth.com>

Sent: Monday, July 2, 2018 2:12 PM **To:** justinm@eastcoasthvac.com

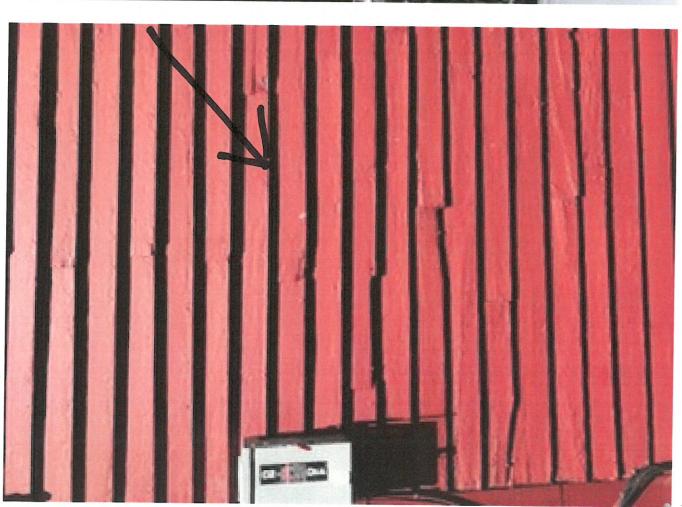
Subject: Marta Downing- Mitsubishi Unit Spec.

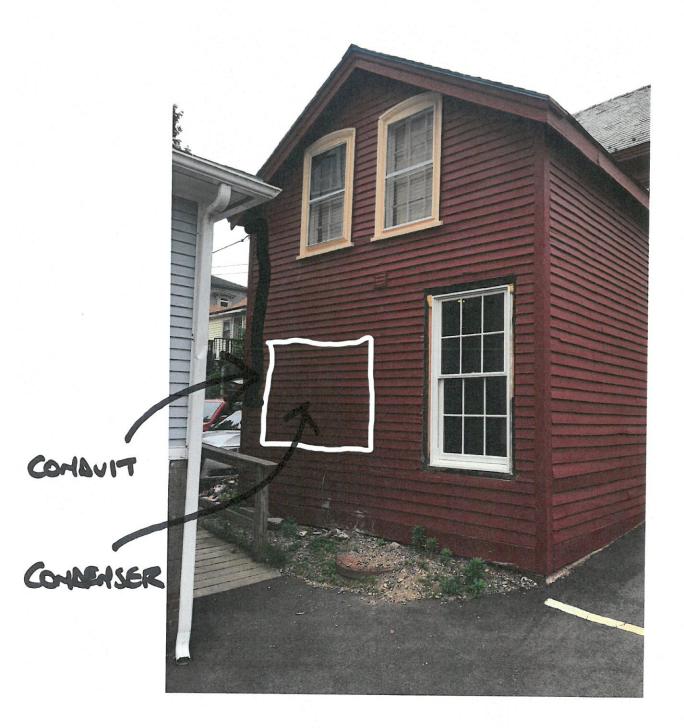
Hi Justin,



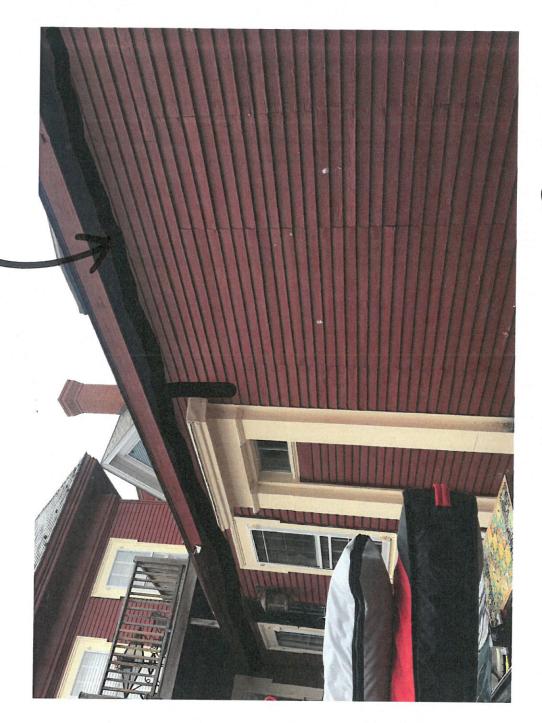








PROPOSED COMBITIONS



ReoPosed

M-SERIES

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



1	-	h	N	-	m	-	
U	U	u	13	a	111	e.	

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
Cooling*	Rated Capacity	Btu/h	28,400 / 27,400
(Non-ducted / Ducted)	Capacity Range	Btu/h	12,600-28,400 / 12,600-27,400
	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
	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
Voltage	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	dD(A)	52
	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 (mm)	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		Ft (m)	82 (25)
Max. Refrigerant Pipe Height		Ft (m)	49 (15)
Difference	If IDU is Below ODU	F. (III)	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

SPECIFICATIONS: MXZ-3C30NA2, contd.

OPERATING RANGE:

	Outdoor
Cooling	14 to 115° F (-10 to 46° C) DB
Heating	5 to 65° F (-15 to 18° C) WB

ENERGY EFFICIENCIES:

Indoor Unit Type	SEER	EER	HSPF	COP @ 47°F	COP @ 17°F
Non-ducted (06 + 06 + 09)	19.0	10.6	10.6	3.90	2.77
Ducted and Non-ducted	17.6	10.1	10.1	3.77	2.78
Ducted (09 + 09 + 09)	16.2	9.6	9.6	3.64	2.78

NOTES:

- Minimum of two Indoor Units must be connected to the MXZ-3C30NA2.
- · Minimum installed capacity cannot be less than 12,000 Btu/h.
- Total connected capacity must not exceed 130% of outdoor unit capacity.
- · System can operate with only one Indoor Unit turned on.
- · Information provided at 208/230V.
- · For Reference:
 - MXZ-C Technical & Service Manual for detailed specifications and additional information per Indoor Unit Combination.
- MXZ Series Multi-Zone Indoor/Outdoor Combination Table for allowed unit combinations.

MVZ CONNECTION RULES:

- · Only 1 MVZ may be used on any system.
- When an MVZ is connected, total connected capacity must be 100% or less.
- · When an MVZ is connected, no P-Series indoor units can be used (PCA, PLA, or PEAD).

Notes:

MXZ-3C30NA2 OPERATIONAL PERFORMANCE

NON-DUCTED:

# of indoor	Total Nominal Capacity	Total Indoor Unit	Operational Performance for		ling Capacity Range (Bt	
unit	(x1000 Btu/h)	Capacity (Btu/h)	Indoor Unit Combinations (Unit A + Unit B + Unit C)	Unit A	ting Capacity Range (Bt	
State History		6,000		6,000	Unit B	Unit C
1	6	7,400	 6	7,400	-	-
		9,000		9,000	-	
1	9	11,000	9	11,000	-	-
4	40	12,000		12,000		-
1	12	14,400	12	14,400		-
1	15	14,000	45	14,000	-	-
1	15	18,000	15	18,000		_
1	18	17,200	18	17,200		-
	10	21,600	710	21,600	-	_
1	24	22,500	24	22,500	-	-
	2.7	27,600	24	27,600		-
2	12	12,000	6+6	6,000	6,000	-
		14,800	0.0	7,400	7,400	-
2	15	15,000	6+9	6,000	9,000	-
		18,400		7,400	11,000	-
2	18	18,000	6 + 12	6,000	12,000	-
		22,000		7,500	14,500	-
2	18	20,000	9+9	10,000	10,000	-
$\overline{}$		22,000		11,000	11,000	-
2	21	20,000	- 6 + 15 -	6,000	14,000	-
$\overline{}$		25,400 20,000		7,400	18,000	-
2	21	25,400	9 + 12	8,600	11,400	-
		23,000		11,000 5,900	14,400 17,100	-
2	24	27,600	− 6 + 18 -	7,000	20,600	
		23,000	 	9,000	14,000	
2	24	27,600	- 9 + 15	10,500	17,100	-
_		23,000	1201 220	11,500	11,500	
2	24	27,600	¹ 12 + 12	13,800	13,800	
2	27	25,800	040	8,900	16,900	-
2	21	27,600	9 + 18	9,300	18,300	-
2	27	25,800	10 : 45	11,900	13,900	-
2	21	27,600	12 + 15	12,300	15,300	_
2	30	27,200	12 + 18	11,200	16,000	-
-	30	27,600	12 + 18	11,000	16,600	-
2	30	27,200	15 + 15	13,600	13,600	-
		27,600	13 1 13	13,800	13,800	-
2	30	27,200	6 + 24	5,700	21,500	-
		27,600	0 . 24	5,800	21,800	
2	33	27,200	9 + 24	7,800	19,400	-
		27,600		7,900	19,700	-
2	33	27,200	15 + 18	12,200	15,000	-
-+		27,600		12,500	15,100	-
2	36	27,200 27,600	- 18 + 18	13,600	13,600	-
-		27,200		13,800	13,800	
2	36	27,600	12 + 24	9,500	17,700	-
		18,000		9,500	18,100	-
3	18	22,200	 6+6+6 -	9,000 7,400	9,000	7.400
		21,000		6,000	7,400	7,400
3	21	25,800	6+6+9	7,400	6,000 7,400	9,000 11,000
2	64	24,000	1	6,000	6,000	12,000
3	24	28,400	6+6+12	7,200	7,200	14,000
2	24	24,000	0.0.0	6,000	9,000	9,000
3	24	28,400	6+9+9	7,100	10,600	10,600
3	27	26,000	0.0.45	6,000	6,000	14,000
3	27	28,400	6+6+15	6,400	6,400	15,600
3	27	26,000	6+0+12	5,800	8,700	11,600
Ŭ.	21	28,400	6 + 9 + 12	6,400	9,500	12,500
3	27	26,000	9+9+9	8,700	8,700	8,700
٠ ١	21	28,400	و تو تو تو او	9,500	9,500	9,500

MXZ-3C30NA2 OPERATIONAL PERFORMANCE, contd.

NON-DUCTED:

# of Total Nominal indoor Capacity unit (x1000 Btu/h)	Total Indoor Unit	Operational Performance for Indoor Unit Combinations		ng Capacity Range (B		
	Capacity (Btu/h)	(Unit A + Unit B + Unit C)	Unit A	ng Capacity Range (B Unit B	Unit C	
_	00	28,400		5,800	5,800	16,700
3	30	28,600	6+6+18	5,800	5,800	17,000
3	20	28,400		5,900	8,800	13,700
3	30	28,600	6+9+15	5,800	8,600	14,100
3	20	28,400		5,700	11,400	11,400
3	30	28,600	6 + 12 + 12	5,800	11,400	11,400
2	20	28,400		8,500	8,500	11,400
3	30	28,600	9+9+12	8,600	8,600	11,300
3	33	29,600		5,500	8,300	15,800
3	33	29,600	6+9+18	5,500	8,100	16,000
3	33	29,600	6 + 12 + 15	5,600	11,100	13,000
3	33	29,600		5,500	10.700	13,400
3	33	29,600	0.1.0.1.45	8,300	8,300	13,000
٥	33	29,600	9 + 9 + 15	8,100	8,100	13,300
3	33	29,600	0.40.40	8,100	10,800	10,800
٥	33	29,600	9 + 12 + 12	8,200	10,700	10,700
3	36	30,000	0.00.04	5,200	5,200	19,600
٥	30	30,000	6+6+24	5,200	5,200	19,500
3	36	30,000	6 + 12 + 18	5,100	10,200	14,700
J	30	30,000	70 + 12 + 10	5,100	10,000	14,900
3	36	30,000	12 + 12 + 12	10,000	10,000	10,000
٦	30	30,000	12 7 12 7 12	10,000	10,000	10,000
3	36	30,000	6 + 15 + 15	5,300	12,400	12,400
<u> </u>	30	30,000	70 + 13 + 15	5,100	12,400	12,400
3	36	30,000	9+9+18	7,700	7,700	14,700
٠	30	30,000	7979710	7,600	7,600	14,900
3	36	30,000	9 + 12 + 15	7,700	10,300	12,000
	30	30,000	78712710	7,600	10,000	12,400

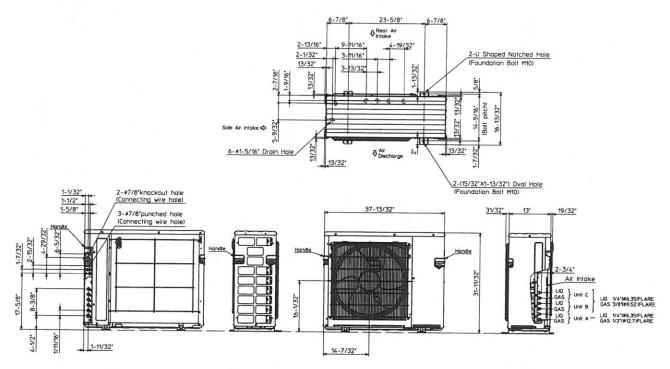
MXZ-3C30NA2 OPERATIONAL PERFORMANCE, contd.

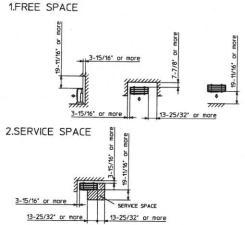
DUCTED:

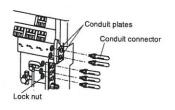
# of Total Nominal indoor Capacity		Capacity Total Indoor Unit Indoor Unit Combination	Operational Performance for Indoor Unit Combinations	for Cooling Capacity Range (Btu/h) Heating Capacity Range (Btu/h)		
unit	(x1000 Btu/h)	Capacity (Btu/h)	(Unit A + Unit B + Unit C)	Unit A	Unit B	Unit C
1	9	9,000		9,000	-	-
	9	10,900	⊣ 9	10,900	-	
1	12	12,000	40	12,000		
1 1 1	12	13,600	12	13,600	-	-
1	15	15,000	45	15,000		
	13	18,000	- 15 -	18,000	-	-
1	18	17,200	40	17,200	-	
'	10	21,600	- 18 	21,600	-	-
1	24	24,000	24	24,000	-	-
,	24	26,000	T ²⁴ F	26,000		-
2	18	18,000	00	9,000	9,000	-
	10	21,800	9+9	10,900	10,900	-
2	21	21,000	0.140	9,000	12,000	-
	21	24,500	9 + 12	10,900	13,600	
2	24	24,000	0.45	9,000	15,000	
	24	27,200	9 + 15	10,300	16,900	-
2	27	26,200	010	9,000	17,200	-
2	21	27,400	- 9 + 18	9,200	18,200	
2	22	27,200		7,400	19,800	-
2	33	27,400	- 19 + 24	8,100	19,300	
2	24	24,000	12 + 12	12,000	12,000	-
2	24	27,200		13,600	13,600	
2	27	26,200	12 : 15	11,600	14,600	-
2	27	27,400	12 + 15	11,800	15,600	-
2	20	27,200		11,200	16,000	
2	30	27,400	12 + 18	10,600	16,800	-
2	20	27,200		9,100	18,100	-
	36	27,400	12 + 24	9,400	18,000	
2	30	27,200	7- 7-	13,600	13,600	
2	30	27,400	15 + 15	13,700	13,700	-
2	33	27,200	15 10	12,700	14,500	-
2	33	27,400	15 + 18	12,500	14,900	-
2	36	27,200	10 10	13,600	13,600	-
2	30	27,400	18 + 18	13,700	13,700	
3	27	27,000	000	9,000	9,000	9,000
3	21	27,400	9+9+9	9,100	9,100	9,100
3	30	27,400	0.0.40	8,200	8,200	11,000
3	30	27,600	9 + 9 + 12	8,500	8,500	10,600
3	33	27,800	0.0.45	7,600	7,600	12,600
3	33	27,800	9 + 9 + 15	7,600	7,600	12,600
3	33	27,800	0.40.40	7,600	10,100	10,100
<u> </u>	33	27,800	9 + 12 + 12	8,000	9,900	9,900
3	36	28,200	0.0.40	7,200	7,200	13,800
3	30	28,000	9 + 9 + 18	7,000	7,000	13,900
3	36	28,200	0 . 40 . 45	7,100	9,400	11,800
3	30	28,000	9 + 12 + 15	7,200	9.000	11,900
3	36	28,200	42 - 42 - 42	9,400	9,400	9,400
3	30	28,000	12 + 12 + 12	9,300	9.300	9,300

DIMENSIONS: MXZ-3C30NA2

Unit: inch (mm)









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





2. 32 Partridge Street (chimney)

- Recommend Approval

Considerations: Reuse of bricks

Application for Approval - Administrative

Historic District Commission



Owner: Phylis Sanders	
Address: 32 Partnage St	Address: 28 Coastal Way (Street)
Portsmouth, NH 038 (City, State, Zip)	6reenland, NH 03840 (City, State, Zip)
Phone: 603 - 498 - 7636	Phone: 603 - 953 - 4779
Signature:	1
Location of Structure: Map 101 Lo	ot 7 Street Address: 32 Partridge St.
From roofline up in which was not existing brick	Kind, to match existing Chinney,
Action Taken by H.D.C. at F	Public Meeting
Date of Approval:	/ Willingtrative ose Only.
Recommendation:	Date of Meeting: 7/11/18
Stipulations:	, Payment:
	Payment Type: C.C.
	Index/Permit #:
Signature of Principal Planner:	
approved, please acknowledge belo	w:
hereby acknowledge that all changes of istrict Commission approval.	r variation in the design as presented shall require further Historic
	Revised: 11 April 17



NESIUS MASONRY INC PROJECT SCOPE

June 18, 2018

TYPE S MORTAR

OVERVIEW

1. Project Background and Description

Wyman Construction

32 Partridge Street, Portsmouth NH



2. Project Scope

- Wyman Construction is responsible for tearing down existing chimney. Wyman will then build a approved structure to build new chimney off of. Nesius Masonry will build new chimney to exact specs as current chimney. Nesius Masonry will use matching materials. Lead flashing will be used, and will be left "long" for roofers to tie counter flashing into.
 - o Material and labor \$4,000

3. Implementation Plan

• Once our work begins we will work consecutive days until all work is complete. We require a ½ deposit before work begins, and final ½ paid upon completion.

4. Please Note

Any work that goes beyond the scope of this contract will be charged at the time and material rate.

Any walkways, patios, and granite stairs we install, come with a 10 year workmanship warranty.

APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Date
Patrick Nesius	Owner	
	Customer	

3. 109 Bow Street Unit #2 (deck) - Recommend Approval

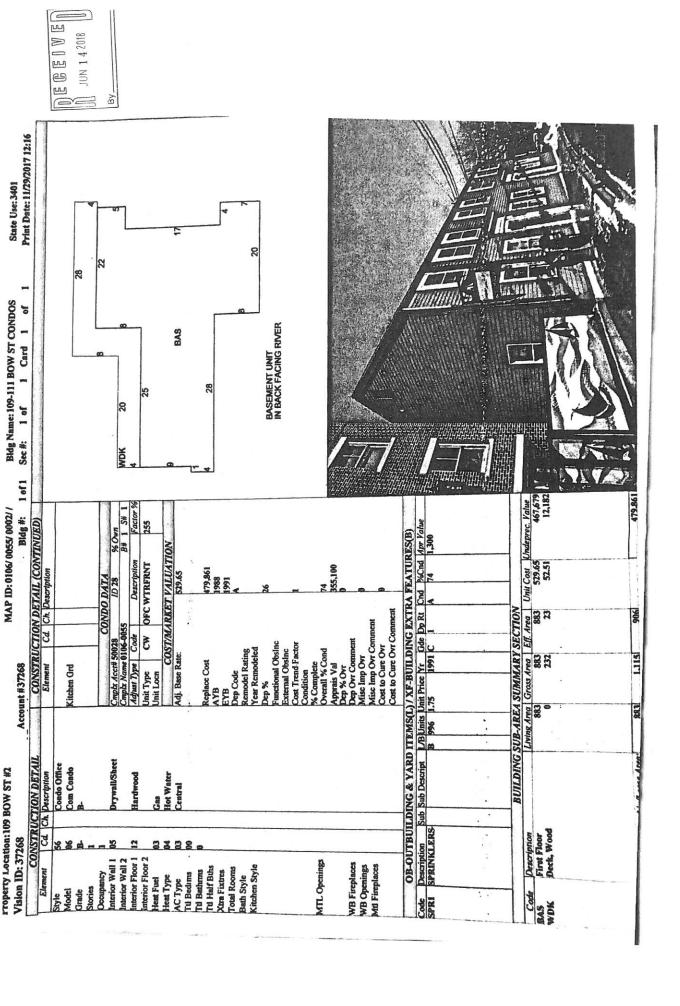
Considerations: Location and Design of Upper Floor Deck

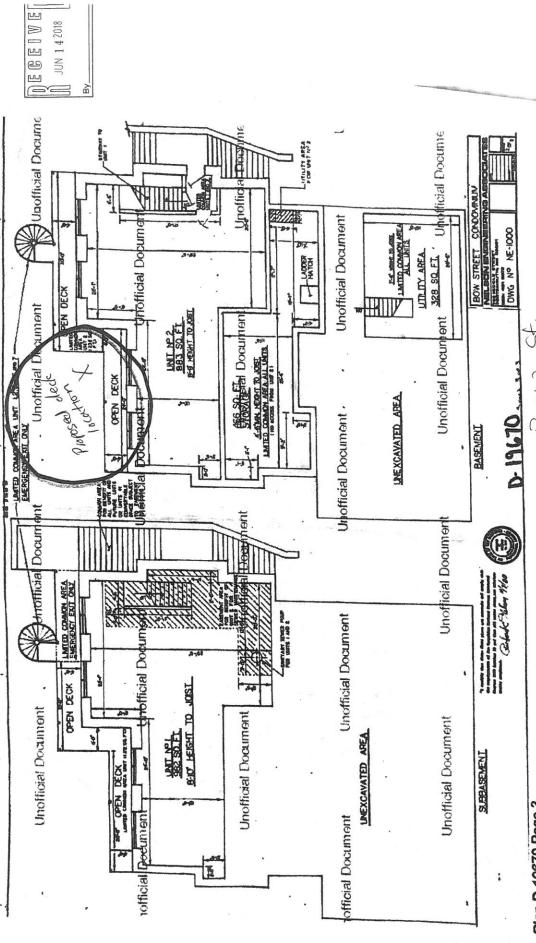
Application for Approval - Administrative

Historic District Commission



Owner: <u>LATY SHERMAN</u> Address: <u>109 Bow ST UNT 2</u> (Street)	(Street)
Phone: (63) 512 - 692 a	CIRESN CAND, NH, 05840 (City, State, Zip) Phone: 603 953 - 4779
Signature:	
Location of Structure: Map 106 Lot 55 Building Permit #:	-2 Street Address: 109 Bow St Unit 2
To permit the following: Replace 4 A with 4 New Andrewson A-Se	Anderson Ving L Stiding doors (60"x 68") eries: Ving L Stiding doors. Build or quotes
Action Taken by H.D.C. at Public Date of Approval: Recommendation: Stipulations:	Administrative Use Only: Date of Meeting: 7/11/18 Payment: 100 Payment Type: C L. Index/Permit #:
Signature of Principal Planner:	
If approved, please acknowledge below: I hereby acknowledge that all changes or variable District Commission approval.	ation in the design as presented shall require further Historic
Owner	Revised: 11 April 17



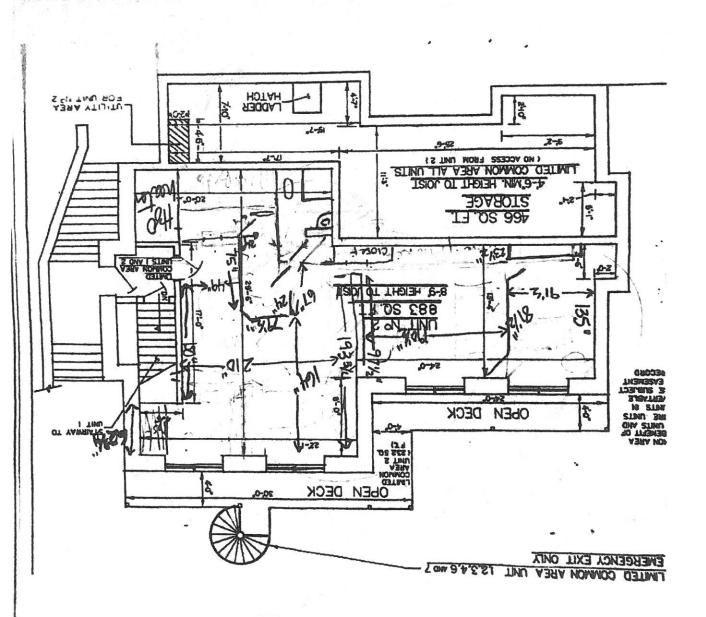


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PSCATABUA

Plan D-19670 Page 3

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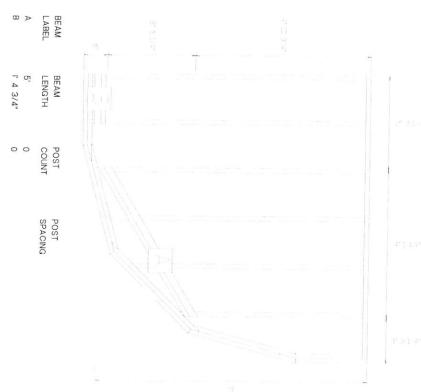
Plan View 06/14/18 Ref: Deck18165 Scale: 1/2" = 1'



Ricci Lumber 105 Bartlett Street Portsmouth NH (603)436-7480



Beam Layout 06/14/18 Ref: Deck18165 Scale: 3/8" = 1'



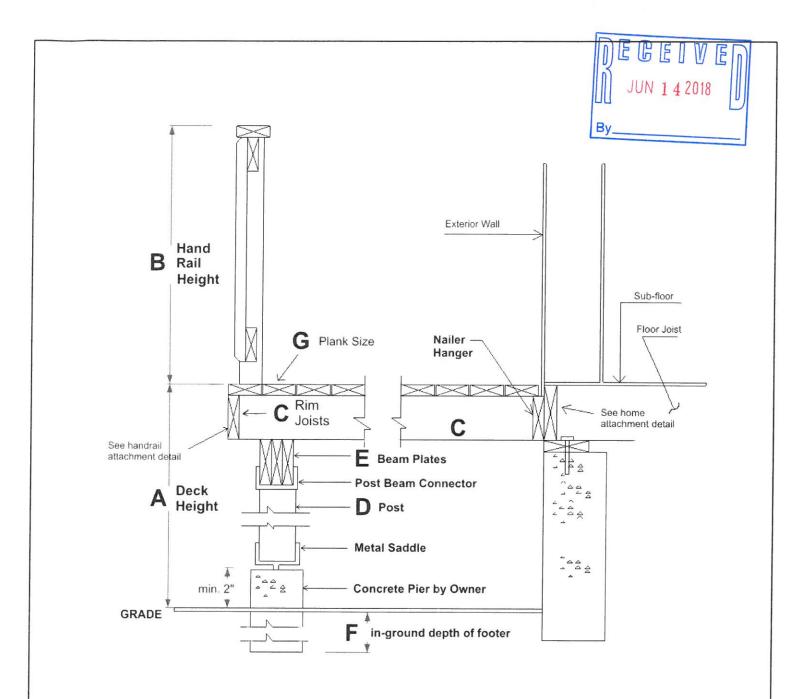
m

Post spacing is measured center-to-center.

Depth of concrete footers --- 0"

Ricci Lumber 105 Bartlett Street

Portsmouth NH (603)436-7480



Beam 3 Ply Laminated, Rail Inside Rim

A: Deck Height: 1' 3 1/2"

C: Joist: 2x8

E: Beam: 3-2x8Lm

B: Rail Height: 3' 1 3/4"

D: Post: 6"x6"

F: In-ground depth of footer: 0'

G: Plank: 1.25X6

STRESS ANALYSIS

CUSTOMER:

DATE: 06/14/18 DESIGN: DECK18165 REF:

SALESMAN #

MEMBER TYPE	SIZE	STRESS FACTOR	FACTOR LOAD	COMPOSITE LOAD
JOISTS 2X8 16"		DEFLECTION BENDING SHEAR COMPRESSION	246 PSF 216 PSF 162 PSF 395 PSF	162 PSF
		TOTAL LOAD DEAD LOAD LIVE LOAD		162 PSF 10 PSF 152 PSF

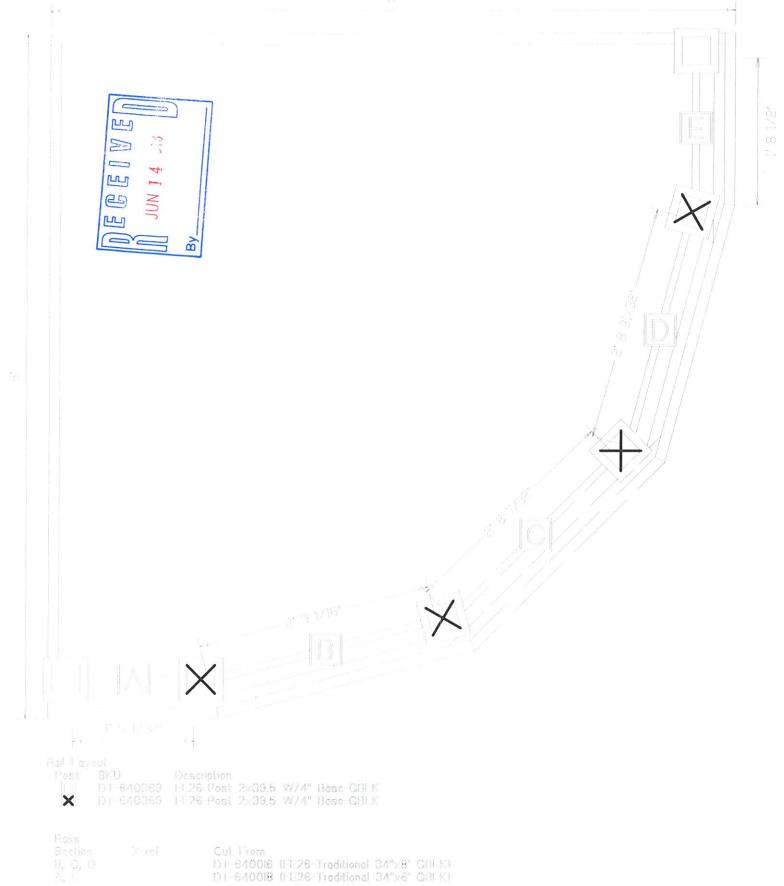


Cut List 06/14/18 Ref: Deck18165 Scale: 3/8" = 1'

Ricci Lumber 105 Bartlett Street

Portsmouth NH (603)436-7480





Design: Deckl8165

PATIO DOORS

FEATURES

FRENCHWOOD® GLIDING PATIO DOORS

Frame

- A Frame constructed with a wood core and a fiberglass exterior. This construction produces a rigid frame and a low-maintenance, durable exterior.
- Wood members are treated with a water-repellent preservative for long-lasting* protection and performance.

The interior wood jamb has an extension jamb kerf, making it easy to add interior extension jambs matching wall thicknesses.

The weather seal is made from a flexible polyethylene leaf with a urethane foam core on the sill and stationary side jambs, and a polypropylene fin weatherstrip on the head and operating side jambs, creating a positive seal between the frame and panels. This system provides a long-lasting," energy-efficient barrier against wind, water and dust.

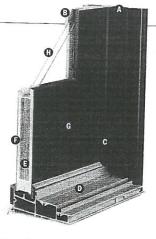
Sill

• One-piece fiberglass design provides superior water management. The nonconductive fiberglass construction enhances energy performance, and its superior strength eliminates the need for a sill support.

Slip- and wear-resistant poly bead finish available in either neutral gray or dark bronze color.

The roller track has a stainless steel cap that resists denting for smooth, reliable operation.

Factory-applied drop-nose channel attachment is optional for enhanced water performance. See page 113 for details.



Panel

- Panel stiles and rails are constructed of an engineered LVL core. This LVL core provides strength and helps prevent warping for consistent smooth operation.
- Interior panel surfaces are constructed from premium wood veneer available in pine, oak and maple options. All prefinished interior options use water-based paints and stains.
- The exterior of the wood panel is protected with a Flexacron® paint system; this stabilized polyester paint is electrostatically applied to penetrate all exterior surfaces for maximum protection and a lustrous, low-maintenance finish.

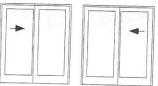
Dual corrosion-resistant* ball-bearing rollers on door panels provide smooth gliding operation with self-contained leveling adjusters.

Dual ball-bearing rollers have deep grooves to increase engagement with the roller track and resist lateral movement.

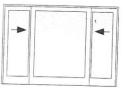
A parting stop bracket adds strength to the door by reinforcing the top of the panels.



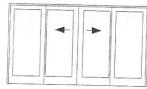
Multiple Panel Configurations Available



2 Panel



3 Panel



4 Panel

High-Performance Glass



See page 113 for details.



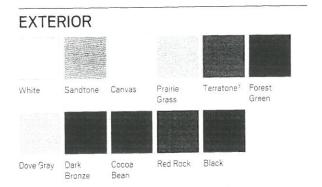


Multi-Point Locking System

The multi-point locking system fea a unique reachout design that pull door panel snugly into the jamb for weathertight seal and enhanced se

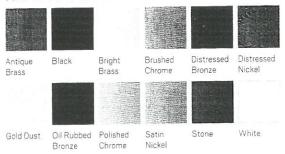
^{*}Visit andersenwindows.com/warranty or contact your Andersen supplier for details on the A-Series Limited Warranty. "Flexacron" is a registered trademark of PPG Industries, Inc.

PATIO DOORS



Printing limitations prevent exact duplication of colors and finishes. See your Andersen supplier for actual color and finish samples.

HARDWARE FINISHES





INTERIOR

By INTERIOR WOOD SPECIES





FACTORY-FINISHED INTERIORS



All wood interiors are unfinished unless a finish is specified. Naturally occurring variations in grain, color and texture of wood make each window one of a kind.

HARDWARE



YUMA® Distressed Bronze Distressed Nickel



ENCINO® Distressed Bronze Distressed Nickel



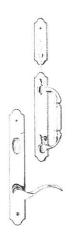
Bright Brass Oil Rubbed Bronze Satin Nickel

ANVERS®



NEWBURY® Antique Brass Bright Brass Brushed Chrome Oil Rubbed Bronze

Polished Chrome Satin Nickel



COVINGTON Antique Brass **Bright Brass** Oil Rubbed Bronze

WHITMORE® Antique Brass Bright Brass Oil Rubbed Bronze Satin Nickel



ALBANY Black **Gold Dust** Stone White

TRIBEC Stone

White

Bold name denotes finish shown.

DRIES

pine and maple, precut Jailable in 1/16" (1.5) o 7 1/8" (181) and can be ratch the interior finish option is also available

Frenchwood® Gliding wing Patio Doors



le threshold is available ne interior of the sill on gliding and hinged doors.

renchwood Hinged io Doors

od hinged outswing door onal oak or maple sill step.

ill Clip



t applications hed interior :lip fastens to r and the sill the clip, providing a uctural installation.



Keyed Lock

are

exterior key cylinder lock is for all patio doors in styles and hat coordinate with hardware. allows the patio door to be nd unlocked from the exterior.

Auxiliary Foot Lock for Frenchwood **Gliding Patio Doors**



Provides an extra measure of security when the door is in a locked position. There can be two lock locations; fully closed panel or partially open provides a secure venting position. Available in all hardware finishes.

Handle Extension Kit for Frenchwood Hinged Inswing and Outswing Patio Doors



Extends interior door handle an additional 1" (25) from the door panel to accommodate interior blinds or shades. Kit includes one handle extender and spindle. A second extender may be added to the spindle to increase the length an additional 1" (25) [2" (51) total extension].

Strike Plate Extensions

Bright brass, antique brass, polished chrome, oil rubbed bronze, brushed chrome and satin nickel strike plate extensions are available for singlehinge doors.

Exterior extension jamb system is available for the following wall thicknesses:

- · 5 1/4" (133)
- · 6 % (167)
- 7 %16" (192)

Construction Lock for Frenchwood Hinged Inswing and Outswing Patio Doors



This hardware can be used to help secure the jobsite during the construction phase of the project. It features an undersized escutcheon plate, which makes on-site finishing easier.

Glass

Andersen® Art Glass

Andersen® art glass comes in a variety of original patterns, including four Frank Lloyd Wright® Series designs. Contact your Andersen supplier for complete details on Andersen art glass and pattern information.

Insect Screens

All insect screens have a long-lasting fiberglass screen cloth with a charcoal finish and are color matched to the exterior of your door unless otherwise specified.

Gliding and Top-Hung Insect Screen for Frenchwood Gliding and Hinged Inswing Patio Doors



exterior pulls and latch are provided.

Retractable Insect Screen for Frenchwood Gliding Patio Doors

The retractable insect screen is installed on the exterior of

the door and opens across the width of the opening. When the insect screen is not in use, it neatly retracts into a small canister mounted on the exterior of the door. The retractable insect screen canister is available for twopanel patio doors in White, Sandtone, Terratone® and Forest Green. Please note, retractable screen track reduces clear opening height by 1" (25).

Retractable Insect Screen for Frenchwood Hinged Outswing Patio Doors

The retractable



insect screen is installed on the interior of the door across the width of the opening. When the insect screen is not in use, it neatly retracts into small canisters mounted on each side of the door. Retractable insect screens are available for single-panel and two-panel doors with White, Gold Dust, pine, oak and maple finishes and six stains to match the interior of your door. Please note, retractable screen track

reduces clear opening height by 1" (25).

Hinged Insect Screen for Frenchwood Hinged **Inswing Patio Doors**



Double-Hinged Insect Screen for Frenchwood Hinged **Inswing Patio Doors**

Available for two-panel double-jamb hinged doors.

Exterior Trim

This product is available with Andersen exterior trim. See pages 159-166 for details.

*Visit andersenwindows.com/warranty or contact your Andersen supplier for details on the A-Series Limited Warranty Dimensions in parentheses are in millimeters. Note: Andersen' patio doors are not intended for use as entrance doors. "Frank Lloyd Wright" is a registered trademark of the Frank Lloyd Wright Foundation. "Delrin" is a registered trademark of E.I. du Pont de Nemours and Company.

0 9 2018

4. 8 Islington Street (historic marker sign)

- Recommend Approval

Considerations: Blanket Approval for Historic District

Administrative Approval Application for Certificate of Approval

Historic District Commission

(For projects over \$25,000; Work Sessions are strongly recommended)



Owner: Portsmouth Advocates	Applicant (if different): Tracy Kozak
Address: Portsmouth Historical Society (Street)	Address:273 Corporate Dr, Ste 100
PO Box 728; Portsmouth NH 03802-0728 (City, State, Zip)	(City, State, Zip)
Signature: trany & kozak	Phone:
Location of Structure: Map Lot Building Permit #:	Street Address:
	en house signs, "Historic Markers" - prototype design for use on multip
Action Taken by H.D. C. at Public	Hearing Administrative Use Only:
Date of Approval:	Date of Meeting: 7-11-18
As Per Plan:	Payment:
Stipulations:	Payment Type:
Signature of Principal Planner:	Index/Permit #:
<u>If approved</u> , please acknowledge below:	
I hereby acknowledge that all changes or variati District Commission approval.	on in the design as presented shall require further Historic
Owner	Revised: 11 April 17

Historic House Signs – Specifications

Portsmouth, NH

6-11-2018

Materials: 1/2" MDO -- Medium-Density-Overlay, double-sided, exterior grade, laminated wood signboard.

Colors: Cream background; black lettering, black pinstripe edging.

Finish: Hand painted:

• Edges - 3 coats field applied oil based primer, plus 2 top coats oil based enamel.

 Faces -- 1 coat factory applied thermoset acrylic primer, plus 1 coat field applied oil based primer, plus 1 top-coat oil based enamel.

Lettering: Hand painted calligraphy with oil based enamel. Roman font; character size varies with sign size selection as shown.

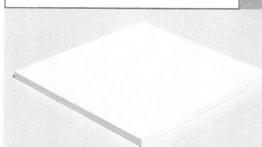
Hardware: Hardware is included for installation by owner. Signs are pre-drilled for fasteners, for installation onto:

- Wood siding: Four 1-1/2" long Stainless Steel round-head screws are provided. Screw heads and shanks re pre-painted with sprayed on black rust-proof paint.
- Brick or Stone Masonry: Self tapping masonry screws with ribbed nylon receiving anchors—signs are predrilled to align with grout joints (2 screws minimum, horizontally aligned).
- Other siding types (aluminum/composite/vinyl): Four 2" long Stainless Steel round-head screws are provided. Screw heads and shanks re pre-painted with sprayed on black rust-proof paint.



PRE-PRIMED MDO

Sign Board



- Pre-Primed MDO saves time and labor
- Smooth surface for high quality top coatings
- Enhanced panel stability using "Swan Peel™" Technology
- Waterproof bond for exceptional machinability and weatherability
- High face/edge screwholding
- Extremely durable with superior surface and life
- NAUF meets CARB requirements

Swanson Group® provides the highest proven performance in panel solutions. Customers recognize our exceptional history of performance, exhibited in our panel solutions, including the first high gloss UV coated MDO panel in North America.

We are now enhancing our capability to provide superior panel performance. "Swan Peel"™ Technology provides a smoother surface: less grain show through, and improved glue and overlay bond. "Swan Peel"™ Technology reduces thickness variability: resulting in an enhanced balanced construction, tighter core lines, and dimensional stability. Swanson is manufacturing overlay panels in a new state-of-the-art facility - the most technologically advanced operation in North America.

Product Description:

Pre-Primed MDO is a premium primed MDO overlaid, two-step® plywood which provides an excellent base coat for top coating.

Panel Construction/Moisture Resistance:

Pre-Primed MDO is a proprietary, thermo-set, acrylic, primed MDO which is applied to Douglas Fir/Hemlock plywood. It is produced with a two-step® layup using our Swan Peel™ Technology, has a waterproof glue bond and meets APA PS 1-09 specifications. All Swanson products are made in the USA.

Working Faces/Treatment:

Pre-Primed MDO is available with one or two working faces. Panels with a single working face are provide with an MDO backer. The white, thermo-set Acrylic prime coat is 0.9 to 1.25 mil dry and is formulated to provide good adhesion to the MDO and a good base for subsequent overcoats. At least two top coats are required.

Working Edges/Treatment:

- · Edges are factory sawn and primed.
- Fill, prime and top coat all exposed wood with at least two coats of acrylic. polyurethane or polyurethane-acrylic.

Applications:

- Exterior signage and billboards.
- · Furniture, cabinets, displays, fixtures, shelving and partitions.
- · Soffit, fascia & trim; sports sideboards.
- · Truck body, trailer liners and doors.

Limitations:

Pre-Primed MDO is not a finished product. It requires two top coats and two edge coats for prolonged exposure in exterior applications.

Thicknesses & Sizes:

Pre-Primed MDO is available in 3/8", 1/2", 5/8", & 3/4" thickness. Standard panel sizes are 4' X 8' and 10' only.

Sign Board:

- . Highway® HDO Premium sign panel, prepped for reflective film.
- SignReady UVTM Prefinished, high gloss, paint/vinyl letter ready, 5-yr. limited warranty.
- Prefinished UV™ Prefinished, satin gloss, paint/vinyl letter ready, 2-yr. limited warranty.
- Signal® MDO Two-step®, hardwood faced, tightly laid core, ideal for cutout letters.
- Pre-Primed MDO Exclusive, primed overlay, Two-step®.
- Crezon Two-Step® MDO Premium paint grade.
- · Guardian® One-Step MDO Standard paint grade.

Technical Data Applicable Standards

All panels are manufactured by Swanson Group® per product standard PS1-09. This standard is available at www.apawood.org.

Physical Properties	3/8" to 1/2"	5/8" to 3/4"	
Modulus of Rupture ^{2, 3}	6,670 psi	6,680 psi	
Modulus of Elasticity ^{2,3}	795,050 psi	853,565 psi	
Lineal Expansion ^{2,3}	0.057%	0.0450%	
Thickness Swell	3.8%	3.8%	
Water Absorption (24-Hours)	6.0%	6.0%	
Internal Bond ²	180 psi	134 psi	
Shelf Stiffness EI ASTM D-3043 C	74,770 lb-in ² /ft ⁶	606,720 lb-in ² /ft ⁶	
Shelf Bending FbS ASTM D-3043 C	1,615 lb-in/ft ⁶	6,460 lb-in/ft ⁶	
Face Screw Holding ²	430 lbs.	449 lbs.	
Edge Screw Holding ²	Not Applicable	408 lbs.	
Moisture Content ² ASTM D-1037	6-9%	6-9%	
Specific Gravity ² ASTM D-1037	.592	.527	
Density ² ASTM D-1037	36.9 lbs./ft.3	32.9 lbs./ft.3	
Flame Spread ASTM E-84	76 - 200 ⁵	76 - 200 ⁵	
Smoke Developed ASTM E-84	25 - 270 ⁵	25 - 270 ⁵	
Flame/Smoke Spread Rating E-84	Cla	ss C	
Formaldehyde Level E-1333	0.08 part	ts/million	

Panel Tolerances ²	3/8" to 3/4"
Thickness Tolerance	+/- 1/32" (.031")
Length & Width Tolerance	+0, -1/16" (.062")
Squareness	1/16" (.062")
Straightness	1/16" (.062")

5-panel average. Product averages vary for individual thicknesses, consult sales or technical staff for exact properties?

All tolerances and specifications apply at the time of manufacture.

ANSI 208.1 test result.

Calculations based on test averages of along and across grain. Shelving physical properties based on engineering calculations.

Flame and smoke spread properties based on engineering calculations.

⁶Shelving stiffness/bending properties are based on a limited 5-panel average. Note: All tolerances and specifications apply at the time of manufacture

Note: Product averages vary for individual thicknesses. Consult sales or technical offices for exact properties

Product Grade

Standard product is shipped on grade only. Special product is shipped allowing up to 10% total Good One Side (G1S) and/or Shop, identified & priced separately. Shipments of G1S and shop may be available.

Weatherability:

		Pre-Prim	ned MDO		
EMMAQUA* Outdoor Accelerated Weathering Test Simulates 3.4 years in Florida and 2.9 years in Arizona					
Test	CHALK UNWSH	COLOR CHNGE UNWSH	CRACK UNWSH	BLIST UNWSH	CHECK
ASTM #	D 4214-97	D1729-96 (2003)	D661-93 (2000)	D 714-02	D660-93 (2000)
Acrylic Latex	Trace	Barely Traceable Yellowing	NONE	NONE	NONE
Chromatic	Barely Traceable	Moderate Bleaching	NONE	NONE	NONE
Oil Alkyd	Moderately Severe	Slightly Moderate Bleaching	Severe Long Line	NONE	NONE

^{*}Equatorial Mount with Mirrors for Acceleration with Water

CHALK UNWSH = Chalking, unwashed area: ASTM D4214-97 - Test methods for evaluation degree of chalking of exterior paint films (Method A/Cloth Method).

COLOR CHNGE UNWSH = Visual color, unwashed area: ASTM D1729-96 (2003) - Practice for visual appraisal of color and color difference of diffusely-Illuminated opaque materials.

CRACK UNWSH = Cracking, unwashed area: ASTM D661-93 (2000) - Method for evaluating degree of cracking of exterior

BLIST UNWSH = Blistering, unwashed area: ASTM D714-02 - Method for evaluating degree of blistering paints.

CHECK UNWSH = Check, unwashed area: ASTM D660-93 (2000) - Method for evaluating degree of checking of exterior paints.

Standard Packaging:

Thickness	Pre-Primed MDO Average Weight* lbs./Panel	Pieces per Unit
3/8"	35.0	88
1/2"	50.0	66
5/8"	64.0	50
3/4"	67.0	44

^{*}Average product weights may vary +/- 10%

Pre-Primed MDO Finishing Instructions

General: Pre-Primed MDO's primer is a thermo-set Acrylic and is designed specifically for MDO. It provides an excellent base coat for top coats.

Coating System: Use two coats of high quality exterior industrial enamel:

- Water Based Enamel System: High quality, all-Acrylic semi-gloss or gloss enamel system, or
- Solvent Based Alkyd System: High quality, industrial semi-gloss or gloss enamel system, or
- C. Sign Chromatic Based: Semi-gloss or gloss system.
- 2. Application: Test overcoats to ensure proper performance. Follow overcoat producer's recommendations. Use good painting practices. Do not use interior paints, water base vinyl-acrylic, solvent based alkyd flat or alkyd solid color stains. Perform a tape pull test (ASTM D3359) before applying lettering & blocking tape.
- Edge Coating: Fill, prime and top coat all exposed wood with at least two
 coats of acrylic, polyurethane or polyurethane-acrylic primers and paints
 or exterior grade caulking.

Suitability for Use and Warranty: Nothing herein constitutes a warranty express or implied, including any warranty of merchantability or fitness for use, nor is protection from any law or patent to be inferred. The exclusive remedy for all claims is replacement of materials. Contact Swanson Group® for a copy of the complete Swanson Terms and Conditions of Sale.

Warehouse Storage and Handling

- · Store in a dry, clean, well-ventilated area indoors
- Avoid temperatures and moisture extremes. Allow panels to equalize for 72 hours or more before use
- Pieces must not be stored in contact with the ground
- Limit the stacking height to four or five units. Separate units with clean, dry spacers of uniform thickness, aligned carefully. Use three spacers for panels 8' long, four or five spacers for longer panels.

Environmental Impact

- Swanson Group® uses process by-products to produce energy
- · Swanson products are renewable, biodegradable and recyclable

Warnings: This product will generate wood dust from sawing, sanding, or shaping. Safety data sheets are available on Swanson's website at www. swansongroup.biz and upon request.

Structural panels (PS-1) are exempt from California Air Resources Board regulations, however, this product is below CARB limits for all uses.

Find out more at www.swansongroup.biz

Pre-Primed MDO Shelving Load Span Table:

				ports - Multip	-	
Span ¹	1/	2"		5/8"	3	/4"
Shaii.	ℓ/240	ℓ/180	ℓ/240	ર/180	ℓ/240	l/180
4"	1,899	1,899	2,340	2,340	2,870	2,870
8"	730	730	900	900	1,104	1,104
12"	452	452	557	557	683	683
16"	301	323	404	404	495	495
19.2"	176	225	331	331	405	405
24"	90	121	175	230	227	303
30"	46	61	91	121	120	160
32"	38	50	75	100	99	133
36"	26	35	53	70	70	94
40"		26	38	51	52	69
48"			25	34	34	46
				apports - Multi	ple Spans'	/4"
Span ¹	ℓ/240	2" &/180	ℓ/240	/8" 	ℓ/240	l/180
All						
4"	1,457	1,457	1,811	1,811	2,208	2,208
8"	560	560	696	696	849	849
12"	347	347	431	431	526	526
16"	229	251	280	280	381	381
19.2"	130	173	195	195	312	312
24"	65	86	125	125	230	230
30"	32	43	76	80	145	147
32"	27	35	63	70	119	129
36"		25	44	55	83	102
40"			32	42	61	81
48"			21	28	40	53
60"					20	26
State of the	Table	3 - Face Gra	in Across Su	ports - Single		
	1/			/8"		4"
Span ²	ℓ/240	ℓ/180	ℓ/240	ℓ/180	ℓ/240	€/180
4"	2,374	2,374	2,926	2,926	3,588	3,588
8"	913	913	1,125	1,125	1,380	1,380
12"	349	465	652	697	814	854
16"	142	189	275	367	357	476
19.2"	80	107	156	211	208	278
24"	40	53	80	106	106	142
30"	20	26	40	53	54	72
32"		22	33	44	44	59
36"			23	30	31	41
40"				22	22	30
48"						20
			Parallel to S	upports - Sing		
Span ²	1/2			/8"		4"
	ℓ/240	ℓ/180	ℓ/240	ℓ/180	ℓ/240	ℓ/180
4"	1,822	1,822	2,263	2,263	2,760	2,760
8"	701	701	870	870	1,062	1,062
	259	345	498	498	657	657
12"				280	446	476
12" 16"	102	136	237	200	440	4/0
10000	102 57	136 75	133	177	253	337
16"						
16" 19.2" 24"	57	75	133 66	177 88	253 126	337 168
16" 19.2" 24" 30"	57	75	133 66 33	177 88 44	253 126 63	337 168 84
16" 19.2" 24"	57	75	133 66	177 88	253 126	337 168

Maximum allowable loads are psf. Uniform loading is assumed. Loads are for dry conditions. For wet conditions, reduce loads approximately 25%. Inquire for precise data. Basic allowable stresses (bending F b and shear Fs) increase 15% for shelving use per the APA experience factor. Pallet design normally is based on higher allowable loads than given. NOTES: 'Spans are center-to-center of supports. 'Span is out-to-out of supports. Allow for 1-12° supports on each end.



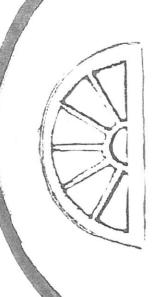
Swanson Group Sales 1651 S F. Street Springfield, OR 97477

Email: overlays@swansongroup.biz

Toll Free: 800-331-0831 Local: 541-832-1121 Fax: 541-832-1139 www.swansongroup.biz

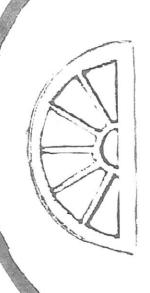


Swanson Group® is a registered trademark of Swanson Group. Specifications subject to change without notice. Effective: 4/2017



Capt. RICHARD

PORTSIMOUTH ADVOCATES



Japt, RICHARD MARINER

PORTSMOUTH ADVOCATES

5. 46 Maplewood Ave. (amend building height) - TBD

Considerations: Need to amend the CUP for the project that allow the building to exceed the 3.5 story/ 45 foot maximum building height in effect at the time of filing the original site plan. The applicant should provide documentation as to why the design change is being proposed.

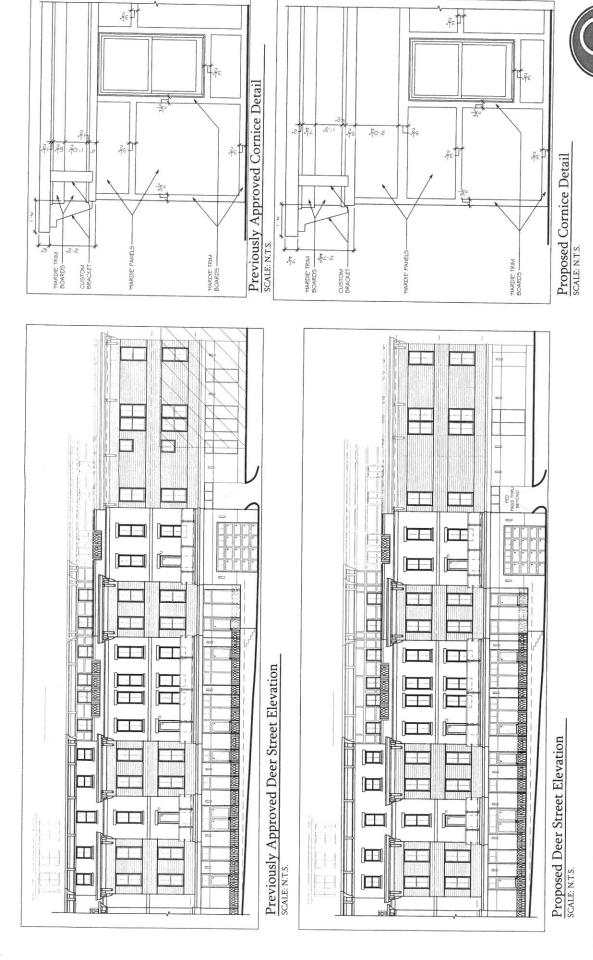
Application for Approval - Administrative

Historic District Commission



Owner: 46 MEPLEWOOD LLC	Applicant (if different):
Address: 36 MARGWAD (Street)	Address:
Phono (2022-0102-025)	(City State 7in)
Phone: 603-610-8250	Phone:
Signature:	
Location of Structure: Map 125 Lot 2-F	Street Address: 46 Mbpl6Ward Ave.
Building Permit #:	
Allow A MAIL A41-10 WAS	to premously approved application to the Height of 471-10 where payzoved.
Action Taken by H.D.C. at Public N	leeting
Date of Approval:	Administrative use Unity.
Recommendation:	Date of Meeting: 711118
Stipulations:	Payment: 10%
	Payment Type: CV ± 1565
	Index/Permit #:
Signature of Principal Planner:	
f approved, please acknowledge below: hereby acknowledge that all changes or variation	on in the design as presented shall require further Historic
District Commission approval.	g = 5- p. 55563 Gran regand further rustone
)wner	Revised: 11 April 17



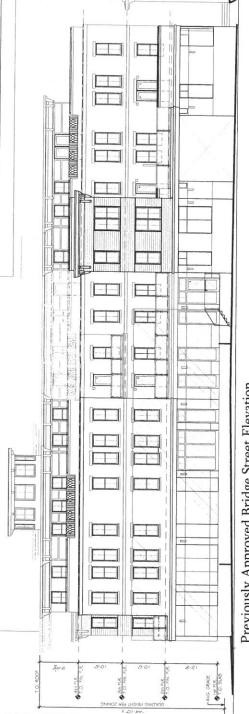


46 Maplewood Avenue, Portsmouth, New Hampshire SOMMA Studios 603/66.3760 Amoskeag Architectural 603/606.7878

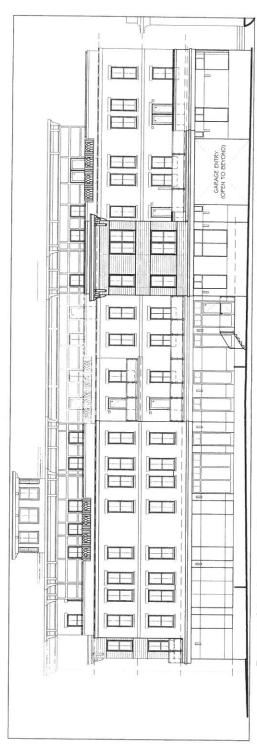
7.11.18 SH. 2

AA

SCALE: AS NOTED



Previously Approved Bridge Street Elevation SCALE: N.T.S.



Proposed Bridge Street Elevation SCALE N.T.S.

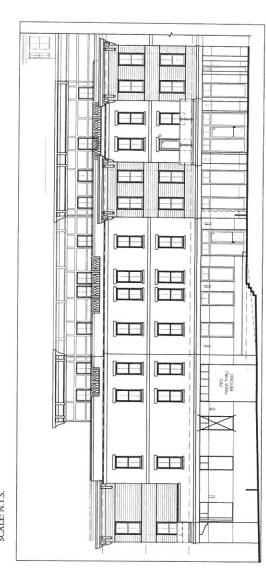
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7.11.18 SH. 3 SCALE: AS NOTED AA





Previously Approved Pedestrian Way Elevation SCALE: N.T.S.



Proposed Pedestrian Way Elevation SCALE. N.T.S.

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AA

SCALE: AS NOTED

7.11.18 SH. 4