HDC

ADMINISTRATIVE APPROVALS

1.	40 Court Street (LUHD-550)	-TBD
2.	11 Sheafe Street (LUHD-552)	-TBD
3.	55 Gates Street (LUHD-553)	-TBD
4.	47 Howard Street (LUHD-554)	-TBD
5.	7 Hancock Street (LUHD-536)	-TBD
6.	40 Pleasant Street (LU-22-170	-TBD
7.	147 Congress Street (LUHD-559)	-Recommended Approval
8.	161 Deer Street (LUHD-558)	-Recommended Approval
9.	1 Walton Alley (LUHD-561)	-Recommended Approval

1.40 Court Street- TBD

Background: The applicant is seeking approval for the installation of exterior HVAC equipment.

Staff Comment: TBD

Stipulations:

🕵 City of Portsmouth, NH

LUHD-550

Historic District Commission Work Session or Administrative Approval Application

Status:	Active
Status:	ACTIVE

Applicant

Nick Gendron nick@customclimates.com 88 Priscilla Ln Auburn , NH 03032 6038609534 Date Created: Nov 18, 2022

Primary Location

40 COURT ST Portsmouth, NH 03801

Owner:

40 COURT STREET HOLDINGS LLC 29 MAIN ST AMESBURY, MA 01913

Application Type

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

Alternative Project Address

--

Project Information

Brief Description of Proposed Work

Mini split installation (permit application previously submitted)

Description of Proposed Work (Planning Staff)

--

Project Representatives

Relationship to Project

Other

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

Contractor

Full Name (First and Last) Nick Gendron

Mailing Address (Street) 88 Priscilla Ln

State NH

Phone 6032621623 **Business Name (if applicable)** Custom Climates HVAC

City/Town Auburn

Zip Code 03032

Email Address Nick@customclimates.com

Relationship to Project Other

If you selected "Other", please state relationship to project. Custom Climates General Manager

Full Name (First and Last) Tracy Abbott Business Name (if applicable) Custom Climates 12/01/2022

OpenGov









MFZ-KJ09NA & MUFZ-KJ09NAHZ 9,000 BTU/H FLOOR-MOUNTED INDOOR UNIT 9,000 BTU/H HYPER-HEATING OUTDOOR UNIT



Job Name:

System Reference:

Date:



INDOOR	UNIT	FFAT	URES
INDOOK			

- · Floor-mounted indoor unit mounts on the floor or up to 5" above the floor
- · Floor front panel access to the filter for ease of cleaning
- · Perfect for difficult areas that may be smaller or don't have usable space on the walls
- Multiple fan speed options: Low, Medium, High, Powerful, Auto
- Quiet operation
- Multi-flow vane for faster heating
- Multiple control options available:
 - Hand-held Remote Controller (provided with unit)
 - kumo cloud[®] smart device app for remote access
 - Third-party interface options
 - Wired or wireless controllers
- · Unit can be recessed mounted into wall

OUTDOOR UNIT FEATURES

· Built-in base pan heater

Indoor Unit	MFZ-KJ09NA
Outdoor Unit	MUFZ-KJ09NAHZ

SPECIFICATIONS: MFZ-KJ09NA & MUFZ-KJ09NAHZ

	Maximum Cap	acity	BTU/H	14,000
	Rated Capacit	y v	BTU/H	9,000
	Minimum Capa	acity	BTU/H	2,300
	Maximum Pow	ver Input	W	1,250
Cooling at 95°F1	Rated Power I	nput	W	570
	Moisture Remo	oval	Pints/h	1.4
	Sensible Heat	Factor		0.79
	Power Factor	208V / 230V]	%	86.0 / 86.0
	Maximum Cap	acity	BTU/H	19,000
	Rated Capacit	y v	BTU/H	11,000
	Minimum Capa	acity	BTU/H	2,900
Heating at 47°F ²	Maximum Pow	ver Input	W	2,370
	Rated Power I	nput	W	750
	Power Factor	208V / 230V]	%	94.0 / 94.0
	Maximum Cap	acity	BTU/H	13,400
	Rated Capacit	y v	BTU/H	7,500
Heating at 17°F ³	Maximum Pow	•	W	1,860
	Rated Power I	•	W	810
	Maximum Cap	•	BTU/H	11,000
leating at 5°F ⁴	Maximum Pow	•	W	1,600
Heating at -4°F⁵	Maximum Cap	acity	BTU/H	9,130
Heating at -13°F ⁷	Maximum Cap	•	BTU/H	7,260
3 • • • 3	SEER		-	28.2
	EER ¹			15.8
	HSPF [IV]			13.0
Efficiency	COP at 47°F ²		4.3	
		t Maximum Capacity ³		2.11
	COP at 5°F at Maximum Capacity ⁴		2.01	
	ENERGY STA			Yes
	Voltage, Phase			208/230, 1, 60
	Guaranteed Vo		V AC	187 - 253
		r - Outdoor, S1-S2	VAC	208/230
	-	r - Outdoor, S2-S3	V DC	24
Electrical	-	urrent Rating [SCCR]	kA	5
		d Fuse/Breaker Size (Oudoor)	A	15
		d Wire Size [Indoor - Outdoor]	AWG	14
	Power Supply			Indoor unit is powered by the outdoor unit
	MCA		A	1.0
	Fan Motor Full	Load Amperage	A	0.62
	Fan Motor Typ			DC Motor
	Airflow Rate at		CFM	138-198-272-360-417
	Airflow Rate at		CFM	117-168-231-306-354
	Airflow Rate at	-	CFM	138–191–254–328–417
		re Level [Cooling]	dB[A]	21-27-34-41-46
ndoor Unit		re Level [Heating]	dB[A]	21-27-34-40-46
	Drain Pipe Siz		In. [mm]	5/8 O.D [15]
	Coating on He			_
	External Finish			Munsell 1.0Y 9.2/0.2
	Unit Dimension		W x D x H: In. [mm]	29-17/32 x 8-15/32 x 23-5/8 [750 x 215 x 600]
	Package Dime		W x D x H: In. [mm]	32-2/16 x 10-3/16 x 27-2/16 [816 x 275 x 693]
	Unit Weight		Lbs. [kg]	33 [15.0]
	Package Weig	ht	Lbs. [kg]	41 [18.5]
ndoor Unit Operating Temperature		Air Temp [Maximum / Minimum]*	°F	90 DB, 73 WB / 67 DB, 57 WB
Range	-	Air Temp [Maximum / Minimum]	°F	80 DB / 70 DB
OTES: HRI Rated Conditions Rated data is determined at a fixed con		¹ Cooling (Indoor // Outdoor) °F 80 [² Heating at 47°F (Indoor // Outdoor) °F 70 [DB, 67 WB // 95 DB, 75 WE DB, 60 WB // 47 DB, 43 WE DB, 60 WB // 17 DB, 15 WE	
Conditions		⁴ Heating at 5°F (Indoor // Outdoor) °F 70 [⁵ Heating at -4°F (Indoor // Outdoor) °F 70 [DB, 60 WB // 5 DB, 4 WB DB, 60 WB // -4 DB, -5 WB DB, 60 WB // -13 DB, -14 W	

*Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

**Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode to avoid thermistor error and automatically restarts at these temperatures.

SPECIFICATIONS: MFZ-KJ09NA & MUFZ-KJ09NAHZ

	MCA	A	11.0
	MOCP	A	15
	Fan Motor Full Load Amperage	A	0.5
	Fan Motor Output	W	50
	Airflow Rate [Cooling / Heating]	CFM	1074 / 1202
	Refrigerant Control		LEV
	Defrost Method		Reverse Cycle
	Sound Pressure Level, Cooling ¹	dB(A)	48
	Sound Pressure Level, Heating ²	dB(A)	50
Dutdoor Unit	Compressor Type		DC INVERTER-driven Twin Rotary
	Compressor Model		SNB140FQUMT
	Compressor Rated Load Amps	A	8.2
	Compressor Locked Rotor Amps	A	10.3
	Compressor Oil [Type // Charge]	OZ.	FV50S // 11.8
	External Finish Color		Munsell 3Y 7.8/1.1
	Base Pan Heater		Built-in
	Unit Dimensions	W x D x H: In. [mm]	31-1/2 x 11-1/4 x 21-5/8 [800 x 285 x 550]
	Package Dimensions	W x D x H: In. [mm]	37 x 14-15/16 x 24-13/16 [940 x 380 x 630]
	Unit Weight	Lbs. [kg]	83 [38]
	Package Weight	Lbs. [kg]	90 [90]
	Cooling Air Temp [Maximum / Minimum]*	°F	115 DB / 14 DB
Outdoor Unit Operating Temperature	Cooling Thermal Lock-out / Re-start Temperatures**	°F	11 / 14
Range	Heating Air Temp [Maximum / Minimum]	°F	75 DB, 65 WB / -13 DB, -14 WB
	Heating Thermal Lock-out / Re-start Temperatures**	°F	-18 / -14
	Maximum Charge Quantity	Lbs, oz	2.0, 10.0
Refrigerant	Initial Charge Quantity	Ft. [m]	25.0 [7.5]
	Additional Refrigerant Charge Per Additional Piping Length	oz./Ft. [g/m]	0.216 [20]
	Gas Pipe Size O.D. [Flared]	In.[mm]	3/8 [9.52]
	Liquid Pipe Size O.D. [Flared]	In.[mm]	1/4 [6.35]
Piping	Maximum Piping Length	Ft. [m]	65 [20]
	Maximum Height Difference	Ft. [m]	40 [12]
	Maximum Number of Bends		10

3+	Heating at 17°F (Indoor // Outdoor) °F	70 DB, 60 WB // 17 DB, 15 WB
⁵ H	Heating at 5°F (Indoor // Outdoor) °F Heating at -4°F (Indoor // Outdoor) °F Heating at -13°F (Indoor // Outdoor) °F	70 DB, 60 WB // 5 DB, 4 WB 70 DB, 60 WB // -4 DB, -5 WB 70 DB, 60 WB // -13 DB, -14 WB

*Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

**Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures; Heating Thermal Lock-out / Re-start Temperatures): • System cuts out in heating mode to avoid thermistor error and automatically restarts at these temperatures.

INDOOR UNIT ACCESSORIES: MFZ-KJ09NA

	BACnet® and Modbus® Interface	PAC-UKPRC001-CN-1
	CN24 Relay Kit	CN24RELAY-KIT-CM3
	IT Extender	PAC-WHS01IE-E
	kumo station® for kumo cloud®	PAC-WHS01HC-E
Sentral Interfece	Lockdown bracket for remote controller	RCMKP1CB
Control Interface	System Control Interface	MAC-334IF-E
	Thermostat Interface	PAC-US444CN-1
	Thermostat Interface	PAC-US445CN-1
	USNAP Adapter	PAC-WHS01UP-E
	Wireless Interface for kumo cloud®	PAC-USWHS002-WF-2
Jamata Canaar	Wired Remote Sensor	M21EAA307
Remote Sensor	Wireless temperature and humitity sensor for kumo cloud®	PAC-USWHS003-TH-1
	Deluxe Wired MA Remote Controller [†]	PAR-40MAAU
Vired Remote Controller	Simple MA Remote Controller [†]	PAC-YT53CRAU-J
	Touch MA Controller [†]	PAR-CT01MAU-SB
Vireless Remote Controller	kumo touch [™] RedLINK [™] Wireless Controller	MHK2
	Blue Diamond (Advanced) Mini Condensate Pump w/ Reservoir & Sensor (208/230V) [recommended]	X87-721
	Blue Diamond (MicroBlue) Mini Condensate Pump (110/208/230V) up to 18,000 BTU/H	X86-003
	Blue Diamond Alarm Extension Cable—6.5 Ft.	C13-192
Condensate	Blue Diamond MultiTank — collection tank for use with multiple pumps	C21-014
	Blue Diamond Sensor Extension Cable — 15 Ft.	C13-103
	Refco Condensate Pump (100-240 VAC) up to 120,000 BTU/H	СОМВІ
	Sauermann Condensate Pump	SI30-230
Disconnect Switch	(30A/600V/UL) [fits 2" X 4" utility box] - Black	TAZ-MS303
JISCONNECT SWITCH	(30A/600V/UL) [fits 2" X 4" utility box] - White	TAZ-MS303W
Drain Hose	Flexible Mini-Split Drain Hose	DRX-16
ilter	Anti-allergy Enzyme Filter	MAC-408FT-E
loor Mount Air Guide	Floor Mount Air Guide	MAC-760FD-E
	15' x 1/4" x 15' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-15
incost	30' x 1/4" x 30' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-30
ineset	50' x 1/4" x 50' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-50
	65' x 1/4" x 65' / 3/8" Lineset (Twin-Tube Insulation)	MLS143812T-65

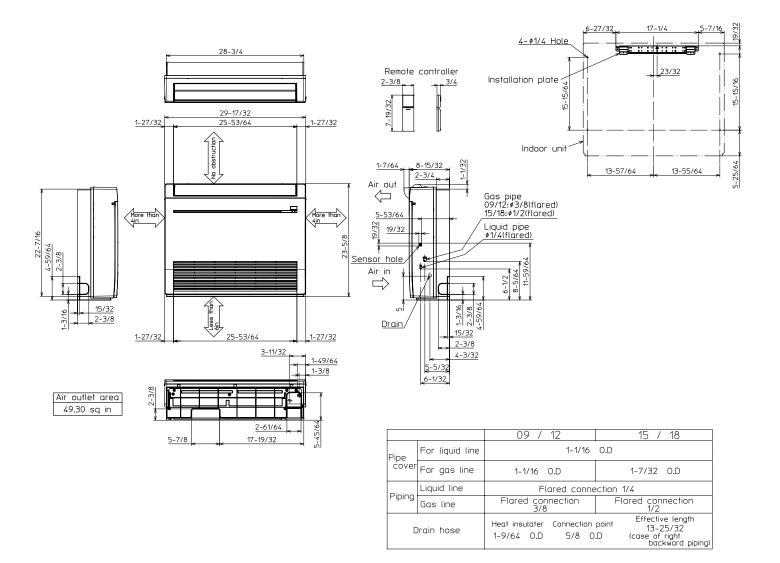
NOTES: [†]Requires MAC-334IF-E • M-Series EZ FIT[®] Recessed Ceiling Cassette, Floor-mount and Wall-mount Allows indoor units to connect to an MA Controller: Deluxe MA Remote Controller Simple MA Controller Touch MA Controller

OUTDOOR UNIT ACCESSORIES: MUFZ-KJ09NAHZ

	Air Outlet Guide	MAC-881SG
Air Outlet Guide	Air Outlet Guide	MAC-886SG-E
Control/Service Tool	M- & P-Series Maintenance Tool Cable Set	M21EC0397
Control/Service Tool	USB/UART Conversion Cable (Required for all laptop connection)	M21EC1397
Hail Guards	Hail Guard	HG-A7
	Hail Guard	HG-B4
	14 Gauge, 4 wire MiniSplit Cable—250 ft. roll	S144-250
	14 Gauge, 4 wire MiniSplit Cable—50 ft. roll	S144-50
Mini-Split Wire	16 Gauge, 4 wire MiniSplit Cable—250 ft. roll	S164-250
	16 Gauge, 4 wire MiniSplit Cable—50 ft. roll	S164-50
Mounting Rod	Condensing Unit Mounting Pad: 16" x 36" x 3"	ULTRILITE1
Mounting Pad	Outdoor Unit 3-1/4 inch Mounting Base (Pair) - Plastic	DSD-400P
Stand	18" Single Fan Stand	QSMS1801M
	24" Single Fan Stand	QSMS2401M
	Condenser Wall Bracket	QSWB2000M-1
	Condenser Wall Bracket - Stainless Steel Finish	QSWBSS
	Outdoor Unit Stand — 12" High	QSMS1201M

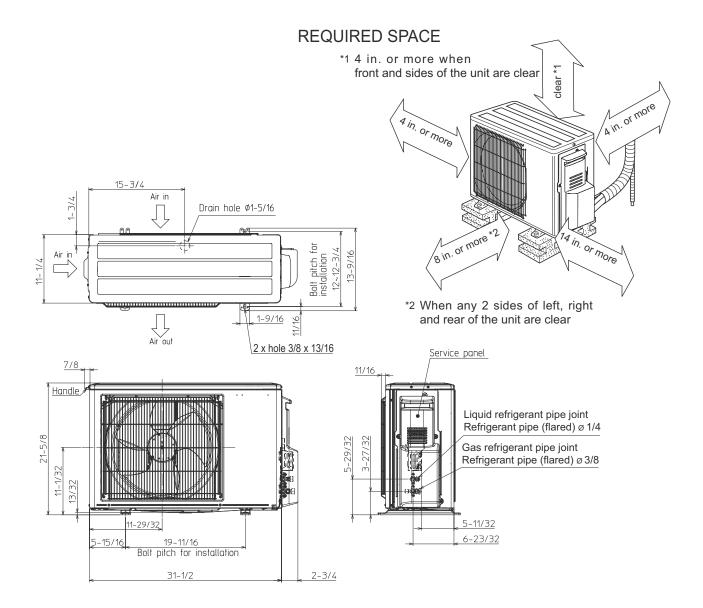
INDOOR UNIT DIMENSIONS: MFZ-KJ09NA

Unit: inch



OUTDOOR UNIT DIMENSIONS: MUFZ-KJ09NAHZ

Unit: inch



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



FORM# MFZ-KJ09NA & MUFZ-KJ09NAHZ - 202211

2. 11 Sheafe Street - TBD

<u>Background</u>: The applicant is seeking approval for replacement roofing, siding (on rear addition), new bulk head and chimney cap.

Staff Comment: TBD

Stipulations:

1.	
2.	
3.	

OpenGov



12/01/2022

LUHD-552

Historic District Commission Work Session or Administrative Approval Application

Status: Active		

Applicant

Matt Silva matt@profilehomesnh.com 31 County Farm Rd Dover, NH 03820 603-765-6648 Date Created: Nov 18, 2022

Primary Location

11 SHEAFE ST Portsmouth, NH 03801

Owner:

NARKAJ ALEXANDER & GUROWSKY ANNA 11 SHEAFE ST PORTSMOUTH, NH 03801

Application Type

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

Alternative Project Address

--

Project Information

Brief Description of Proposed Work

Exterior Siding, HVAC System, roofing

Description of Proposed Work (Planning Staff)

--

Project Representatives

Other

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

Project Manager

Full Name (First and Last) Kinnon Nolan

Mailing Address (Street) 953 Islington St

State NH

Phone 6037656648 **Business Name (if applicable)** Profile HOmes

City/Town Portsmouth

Zip Code 03801

Email Address kinnon@profilehomesnh.com

Acknowledgement

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

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

I hereby certify that as the applicant for permit, I am

Other

Date: 11/16/22

Profile Homes NH 953 Islington St, Unit 22C Portsmouth, NH 03801 603-433-2464

City of Portsmouth Historical District Commission

RE: 11 Sheafe Street Request for Administrative approval or public hearing

Dear Members of the Historical District Commission,

Please see the attached request for a hearing regarding the above mentioned project.

Our company has been hired by the owners of this structure to updated the interior of the structure including the heating and cooling systems and the areas of the home that have been neglected.

As these photos show the exterior of the home has an addition that was installed with vinyl siding on it that needs replacement and a bulkhead which has begun to rust away. The owners also wish to install new heating and cooling system to the home that requires outdoor heat pumps that will also be under review through the Portsmouth ZBA due to proximity to the property line.

We appreciate the opportunity for discussion related to this property so we may comfortably continue construction and rebuilding.

Thank you,

Kinnon Nolan-Finkel Profile Homes of NH Attached is the description for these documents which relative to the exterior improvements which include:

Siding Roofing Bulkhead Heatpumps

Introduction: The property is located in the CD4 zoning district within downtown.

The proposed improvements to the site consist of re-siding the building and replacing the current roofing. We will also be installing a chimney cap and will be replacing the old rusted-out bulkhead. Additionally, we will be installing new energy-efficient Mitsubishi heat-pumps which will be mounted on the exterior of the building.

SPECIFICATIONS:

Siding: The original wood siding on the addition at the back of the building has not been well maintained and is in need of replacement. We have elected to strip all layers of siding off the building and install a weather air barrier (WRB) against the sheathing. Clapboards will be painted to be a colonial shade of blue.

Trim details will be done in wood to match the existing or original on the structure and from the historical photo's made available.

Roofing: Current roof is old and in need of replacement. We will be installing architectural asphalt shingles.

Bulkhead: Current bulkhead is rusted-out and is in a state of disrepair. Our plan is to replace with a new black bulkhead.

Heat pumps: Our company has a long standing history of energy efficient improvements to historical and new construction buildings. In the method of the energy efficiency improvements to the air sealing and added insulation to the building we are seeking to allow owners of the building the rights to install Mitsubishi heat-pumps which will be installed on the exterior of the building.

Please note all photo's attached for representation and discussion

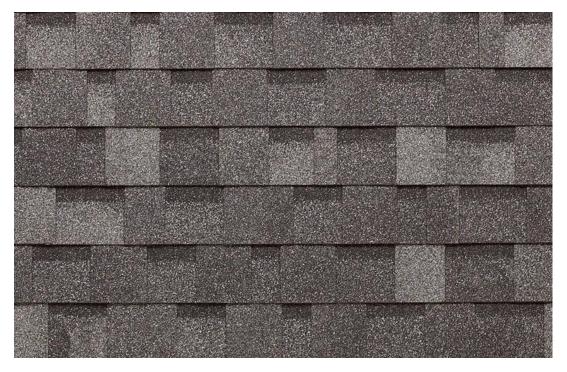
Thank you,

Kinnon Nolan-Finkel Profile Homes

BULKHEAD:



ROOFING SHINGLE:



MITSUBISHI HEAT PUMP:



Existing Location:





3.55 Gates Street- TBD

<u>Background</u>: The applicant is seeking approval for the installation of HVAC equipment with screening and new rear siding.

Staff Comment: TBD

Stipulations:

1.	
2.	
3.	

OpenGov



LUHD-553

Historic District Commission Work Session or Administrative Approval Application

Status: Active	Date Created: Nov 22, 2022	
Applicant	Primary Location	
Anne Whitney archwhit@aol.com	55 GATES ST Portsmouth, NH 03801	
801 Islington St, Suite 32 Portsmouth, NH 03801 603-502-4387	Owner:	
	STONE DONALD & RASA REV TST & STONE RASA K & DONALD A TTEES 55 GATES ST PORTSMOUTH, NH 03801	

Application Type

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

Alternative Project Address

--

Project Information

Brief Description of Proposed Work

Locate 2 Heatpumps with Fence Screening at Rear Elevation & Hardi-Plank Siding at Rear Elevation within 5 feet of property line. This work is part of LU-22-43 & BLDG-22-834.

Description of Proposed Work (Planning Staff)

--

Acknowledgement

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

\mathbf{V}

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

I hereby certify that as the applicant for permit, I am

Other

If you selected "Other" above, please explain your relationship to this project. Owner authorization is required.

Architect

INTERNAL USE ONLY -- Historic District Commission Review and Approval

HDC Certificate of Approval Granted

HDC Approval Date

Planning Staff Comments

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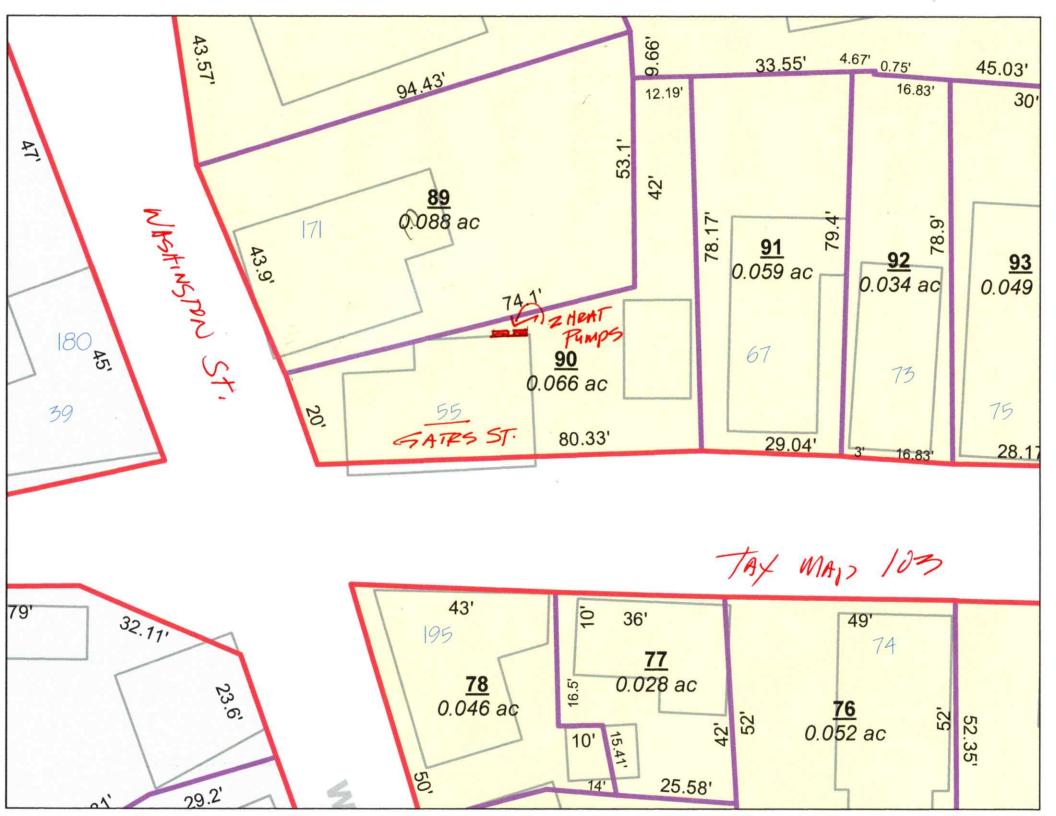
INTERNAL USE ONLY -- Letter of Decision Information

Owner Addressee Full Name and Title

Owner Addressee Prefix and Last Name

12/01/2022





SAMSUNG

SUBMITTAL AJ036BXS4CH/AA (JXH36S4B)

Samsung "Max Heat" FJM Series, 4 Port Condensing Unit

Job Name	
Purchaser	
Submitted to	
Unit Designation	

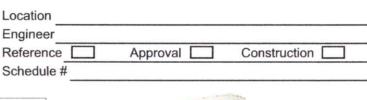
Model	US Code		JXH36S4B	
	Model Number		AJ036BXS4CH/AA	
5	Capacity	Cooling (Btu/h)	34,000 / 39,600	
	(standard / max.)	Heating (Btu/h)	36,000 / 36,600	
	Heating Capacity at 5°F	OA, 70° Indoor DB (Btu/h)	36,600	
		F OA, 70° Indoor DB (Btu/h)	25,590	
Performance*	Minimum Cooling Cap		6,500	
i chomunoc	Minimum Heating Capacity (Btu/h)		7,500	
	SEER (Ducted / Mixed		18.0 / 19.0 / 20.0	
	EER (Ducted / Mixed		11.0 / 11.75 / 12.5	
	HSPF (Ducted / Mixed / Non-ducted)		9.1/9.8/10.5	
	,	,		
	Voltage	(ø/V/Hz)	1 / 208-230 / 60	
	Nominal Current ¹	Cooling (A)	13.0	
Power		Heating (A)	12.2	
	Max. Breaker	Amps	40	
	Minimum Circuit Amp	acity (A)	36.5	
	WXHXD	Inches	37 x 47 5/8 x 13	
Dimensions	Weight	lbs.	192.9	
	J		1	
Noise Level	Cooling	dB (A)	52	
	Heating	dB (A)	55	
Operating Cooling			14 ~ 114.8°F (-5 ~ 46.0°C)	
Temperatures	Heating		-13 ~75°F (-25 ~ 24.0°C)	
	High Side		1/4" X 4	
	Low Side (suction)		3/8" X 2 + 1/2" X 2	
			82 ft	
Pipe	Maximum Individual Line Set Length		230 ft	
Connections M S	Maximum Line Set Length (total) Maximum Vertical Outdoor to Indoor		49 ft	
	Maximum Vertical Separation		25 ft	
		Highest to lowest indoor		
	Included Pipe Adapter	8	2 - 1/2" X 3/8", 2 - 1/2" X 5/8	
	Motor		BLDC With Propeller Fan (2	
Condenser Fan	Output	Watts / FLA	125 X 2 / 1.28 X 2	
	Οάφαι	CFM	3,885	
	Туре		Twin BLDC Rotary Inverter	
Compressor	RLA	Amps	25.6	
		Ampa	20.0	
Heat Exchanger	Туре		Aluminum Fin - Copper Tub	
	Turno		R410A	
	Type Control Method		Electronic Expansion Valve	
Pefrigerant			127 oz	
Refrigerant	Factory Charge		164 ft	
Reingerant				
Reingerant	Charged for Additional Refrigerant		0.22 oz/ft over 164 ft	
Reingerant	Additional Refrigerant		0.22 oz/ft over 164 ft	
			CKN-250	
Accessories	Additional Refrigerant Wall Bracket	Front		
	Additional Refrigerant		CKN-250	
	Additional Refrigerant Wall Bracket Wind Baffle	Front	CKN-250 WBF-1M2 WBB-2M-B	
	Additional Refrigerant Wall Bracket	Front Back	CKN-250 WBF-1M2 WBB-2M-B ETL (UL 1995)	
Accessories	Additional Refrigerant Wall Bracket Wind Baffle	Front Back Non-Ducted	CKN-250 WBF-1M2 WBB-2M-B ETL (UL 1995) 207349920	
	Additional Refrigerant Wall Bracket Wind Baffle Safety	Front Back	CKN-250 WBF-1M2 WBB-2M-B ETL (UL 1995)	

 Warranty
 10 Years compressor, 10 year parts, 1 year limited labor (registration required)

 * Certified in accordance with the AHRI Unitary Small Air-Source Heat Pumps (USHP) Certification Program which is based on the latest edition of AHRI Standard 210/240. Refer to www.AHRIdirectory.org for current reference numbers.

Rated current is based on highest combination ratio of non-ducted indoor units.

Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.





General Information

- The Samsung Max Heat system shall provide high heating capacity at -13°F outside temperature
- The outdoor unit shall supply power individually to the indoor units via 14 AWG X 3 power wire
- The outdoor unit shall have a base pan heater as standard to ensure optimal defrost cycle water drainage
- Auto-restart after power loss
- Available maximum current setting option to reduce operating current.
- System energy consumption can be viewed using Samsung SmartThings mobile app (not revenue grade, for reference only).
- Soft-start to reduce current demand during compressor start
 Optional snow accumulation prevention setting to prevent snow drifting against idle outdoor units
- Auto or manual addressing of indoor units

Construction

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

Heat Exchanger

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

Controls

- · Control signal shall be a DDC type signal
- Interconnect control wire between outdoor and indoor units shall be 16AWG X 2
- · Controls shall integrate with a BMS system
- . The system shall integrate with the Samsung Controls solution

Refrigerant System

- The refrigerant shall be R410A
- The compressor shall be hermetically sealed, inverter controlled, Twin BLDC Rotary
- Refrigerant flow shall be controlled by 4 separate electronic expansion valves at outdoor unit

Indoor Unit Compatibility

Will only operate with Samsung evaporator model numbers: AR**TSFABWKNCV (RNS**ABT): 7,000 - 24,000 Btu/h models AR**BSFCMWKNCV (RNS**CMB): 7,000 - 24,000 Btu/h models AR**TSFYBWKNCV (RNS**YBT): 7,000 - 24,000 Btu/h models AC0**BNNDCH/AA (CNH**NDB): 9,000 - 18,000 Btu/h models AC0**BN1DCH/AA (CNH**1DB): 9,000 - 12,000 Btu/h models AC0**BNJDCH/AA (CNH**1DB): 9,000 - 18,000 Btu/h models AC0**BNLDCH/AA (CNH**LDB): 9,000 - 18,000 Btu/h models AC0**BNLDCH/AA (CNH**LDB): 9,000 - 18,000 Btu/h models AC0**BNLDCH/AA (CNH**LDB): 9,000 - 24,000 Btu/h models AC0**BNLDCH/AA (CNH**LDB): 9,000 - 18,000 Btu/h models

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



Page 1 of 4

SAMSUNG

SUBMITTAL AJ030BXS4CH/AA (JXH30S4B)

Samsung "Max Heat" FJM Series, 4 Port Condensing Unit

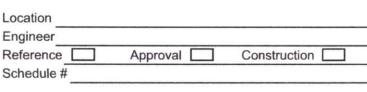
Job Name	
Purchaser	
Submitted to	
Unit Designation	

US Code		JXH30S4B
Model Number		AJ030BXS4CH/AA
Canacity	Cooling (Btu/h)	28,400 / 28,400
(standard / max.)		28,600 / 28,600
Heating Capacity at 5°F		28,600
		20,000
		6,500
		7,500
		17.0 / 18.0 / 19.0
· · · · · · · · · · · · · · · · · · ·		10.5 / 11.5 / 12.5
HSPF (Ducted / Mixed / Non-ducted)		9.8 / 10.4 / 11.0
Voltage	(ø/V/Hz)	1/208-230/60
		10,9
Nominal Current ¹		10.0
Max Breaker		30
		26.0
		37 x 39 5/16 x 13
		37 x 39 5/16 x 13 173.1
	1	
Cooling	dB (A)	54
Heating	dB (A)	58
Cooling		14 ~ 114.8°F (-10 ~ 46.0°C
Heating		-13 ~75°F (-25 ~ 24.0°C)
High Side		1/4" X 4
Low Side (suction)		3/8" X 2 + 1/2" X 2
Maximum Individual Line Set Length		82 ft
Maximum Line Set Length (total)		230 ft
Maximum Vertical	Outdoor to Indoor	49 ft
Separation	Highest to lowest indoor	25 ft
Included Pipe Adapters		2 - 1/2" X 3/8"
Motor		BLDC With Propeller Fan (1
	Watts / FLA	125 / 1.28
Output	CFM	2,493
Tumo		Twin BLDC Rotary Inverter
	Ampo	18.4
	Amps	10.4
Туре		Aluminum Fin - Copper Tub
Туре		R410A
Control Method		Electronic Expansion Valve
Factory Charge		119.9 oz
Factory Charge		
Factory Charge Charged for		131 ft
	1	131 ft 0.22 oz/ft over 131 ft
Charged for	t	
Charged for Additional Refrigerant Wall Bracket	Front	0.22 oz/ft over 131 ft
Charged for Additional Refrigerant		0.22 oz/ft over 131 ft
Charged for Additional Refrigerant Wall Bracket Wind Baffle	Front	0.22 oz/ft over 131 ft CKN-250 WBF-2M-B WBB-11M
Charged for Additional Refrigerant Wall Bracket	Front Back	0.22 oz/ft over 131 ft CKN-250 WBF-2M-B WBB-11M ETL (UL 1995)
Charged for Additional Refrigerant Wall Bracket Wind Baffle Safety AHRI Certification	Front Back Non-Ducted	0.22 oz/ft over 131 ft CKN-250 WBF-2M-B WBB-11M ETL (UL 1995) 207349919
Charged for Additional Refrigerant Wall Bracket Wind Baffle Safety	Front Back	0.22 oz/ft over 131 ft CKN-250 WBF-2M-B WBB-11M ETL (UL 1995) 207349919 207350083
Charged for Additional Refrigerant Wall Bracket Wind Baffle Safety AHRI Certification	Front Back Non-Ducted Ducted Mixed	0.22 oz/ft over 131 ft CKN-250 WBF-2M-B WBB-11M ETL (UL 1995) 207349919
	Capacity (standard / max.) Heating Capacity at 5°F Heating Capacity at 5°F Heating Capacity at -13 Minimum Cooling Cap Minimum Heating Cap SEER (Ducted / Mixed HSPF (Ducted / Mixed HSPF (Ducted / Mixed HSPF (Ducted / Mixed Nominal Current ¹ Max. Breaker Minimum Circuit Amp W X H X D Weight Cooling Heating Cooling Heating High Side Low Side (suction) Maximum Individual I Maximum Vertical Separation Included Pipe Adapte Motor Output Type RLA Type	Model Number Capacity (standard / max.) Cooling (Btu/h) Heating (Btu/h) Heating Capacity at 5"F OA, 70" Indoor DB (Btu/h) Heating Capacity at -13"F OA, 70" Indoor DB (Btu/h) Minimum Cooling Capacity (Btu/h) Minimum Heating Capacity (Btu/h) SEER (Ducted / Mixed / Non-ducted) EER (Ducted / Mixed / Non-ducted) HSPF (Ducted / Mixed / Non-ducted) HSPF (Ducted / Mixed / Non-ducted) Nominal Current ¹ Cooling (A) Max. Breaker Amps Minimum Circuit Ampacity (A) W X H X D Weight Ibs. Cooling Heating Gab (A) Heating High Side Low Side (suction) Maximum Individual Line Set Length Maximum Vertical Separation Mighest to lowest indoor Included Pipe Adapters Motor Output Watts / FLA Type RLA Amps Type RLA Amps

Certified in accordance with the AHRI Unitary Small Air-Source Heat Pumps (USHP) Certification Program which is based on the latest edition of AHRI Standard 210/240, Refer to www.AHRIdirectory.org for current reference numbers.

¹Rated current is based on highest combination ratio of non-ducted indoor units.

Samsung HVAC maintains a policy of ongoing development, specifications are subject to change without notice.





Page 1 of 4

General Information

 The Samsung Max Heat system shall provide high heating capacity at -13°F outside temperature

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

Construction

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

Heat Exchanger

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

Controls

- · Control signal shall be a DDC type signal
- Interconnect control wire between outdoor and indoor units shall be 16AWG X 2
- · Controls shall integrate with a BMS system
- · The system shall integrate with the Samsung Controls solution

Refrigerant System

- The refrigerant shall be R410A
- The compressor shall be hermetically sealed, inverter controlled, Twin BLDC Rotary
- Refrigerant flow shall be controlled by 4 separate electronic expansion valves at outdoor unit

Indoor Unit Compatibility

Will only operate with Samsung evaporator model numbers: AR**TSFABWKNCV (RNS**ABT): 7,000 - 24,000 Btu/h models AR**BSFCMWKNCV (RNS**CMB): 7,000 - 24,000 Btu/h models AR**TSFYBWKNCV (RNS**YBT): 7,000 - 24,000 Btu/h models AC0**BNNDCH/AA (CNH**NDB): 9,000 - 18,000 Btu/h models AC0**BNJDCH/AA (CNH**1DB): 9,000 - 12,000 Btu/h models AC0**BNJDCH/AA (CNH**1DB): 9,000 - 18,000 Btu/h models AC0**BNLDCH/AA (CNH**LDB): 9,000 - 18,000 Btu/h models AC0**BNLDCH/AA (CNH**LDB): 9,000 - 18,000 Btu/h models AC0**BNLDCH/AA (CNH**LDB): 9,000 - 18,000 Btu/h models AC0**BNLDCH/AA (JNH**LDB): 9,000 - 18,000 Btu/h models

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



4. 47 Howard Street - TBD

<u>Background</u>: The applicant is seeking approval for the installation of HVAC equipment. <u>Staff Comment</u>: TBD

Stipulations:

1.	
2.	
3.	

City of Portsmouth, NH

LUHD-554

Historic District Commission Work Session or Administrative Approval Application

Status: Active	Date Created: Nov 23, 2022	
Applicant	Primary Location	
Justin Zeimetz zeimetz@gmail.com	47 HOWARD ST Portsmouth, NH 03801	
47 Howard Street	101031104(1), 111103001	

zeimetz@gmail.com 47 Howard Street Portsmouth, NH 03801 8572430179

Owner:

OpenGov

GARDENT SARAH M REV TST & GARDENT SARAH M TTEE 47 HOWARD ST PORTSMOUTH, NH 03801

Application Type

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

Alternative Project Address

--

Project Information

Brief Description of Proposed Work

Installation of mini split HVAC system to serve the main house.

Description of Proposed Work (Planning Staff)

--

Acknowledgement

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

 \mathbf{V}

By checking this box, I ag	ree that this is equivalent to a handwritten sig	nature and is binding for all purposes rela	ted to this transaction

I hereby certify that as the applicant for permit, I am

Other

If you selected "Other" above, please explain your relationship to this project. Owner authorization is required.

Husband of the individual who holds the trust that the property is legally listed under.

INTERNAL USE ONLY Historic District Commission Review and Approval					
HDC Certificate of Approval Granted	HDC Approval Date				
Planning Staff Comments					
INTERNAL USE ONLY Letter of Decision Information					
Owner Addressee Full Name and Title	Owner Addressee Prefix and Last Name				
Owner Organization / Business Name	Owner Contact Street Address				

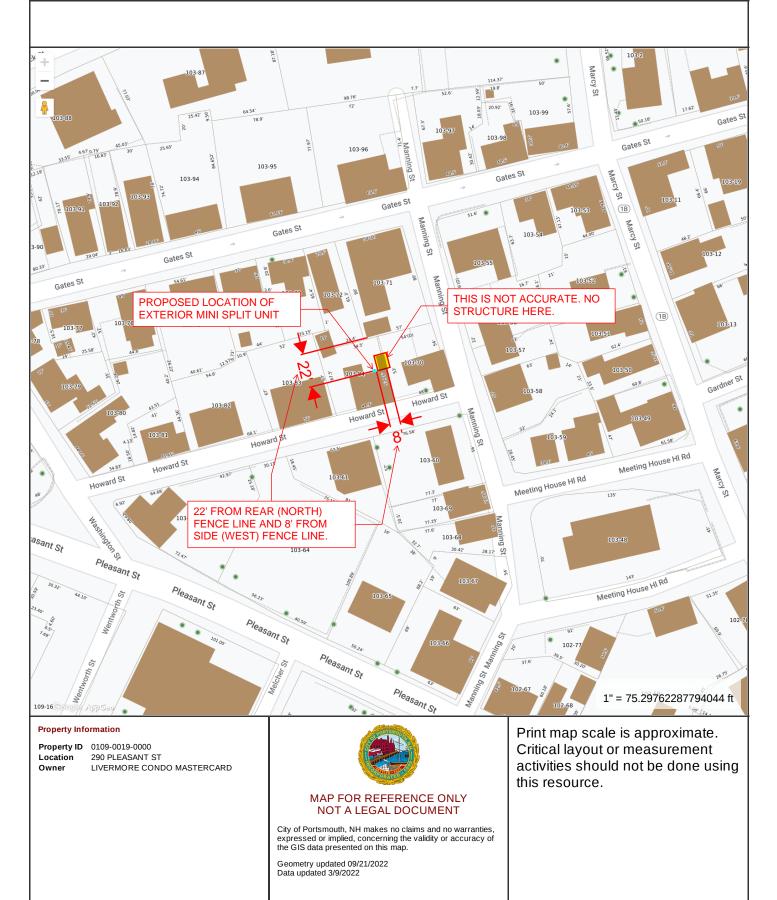


PROPOSED ROUTING OF EXTERIOR MECHANICAL LINES.

PROPOSED LOCATION OF EXTERIOR MINI SPLIT UNIT.

EXTERIOR MECHANCIAL LINES TO BE ENCASED & CONCEALED IN WHITE PVC TRIM





MXZ-5C42NA3 3.5-TON MULTI-ZONE INVERTER HEAT-PUMP SYSTEM



Job Name:

System Reference:

Date:



FEATURES

- Variable speed INVERTER-driven compressor
- Optional base pan heater
- Quiet outdoor unit operation as low as 56 dB(A)
- High pressure protection
- Compressor thermal protection
- Compressor overcurrent detection
- Fan motor overheating/voltage protection

SPECIFICATIONS: MXZ-5C42NA3

	Maximum Capacity	BTU/H	43,000 // 43,000 // 43,000
	Rated Capacity	BTU/H	40,500 // 39,000 // 37,500
Cooling ¹ (Non-Ducted // Mix // Ducted)	Minimum Capacity	BTU/H	12,600 // 12,600 // 12,600
Cooling ¹ (Non-Ducted // Mix // Ducted)	Maximum Power Input	W	4,775 // 4,775 // 4,775
	Rated Power Input	W	4,403 // 4,286 // 4,112
	Power Factor (208V, 230V)	%	98.9, 98.9 // 98.9, 98.9 // 98.9, 98.9
Heating at 47°F² (Non-Ducted // Mix // Ducted)	Maximum Capacity	BTU/H	53,600 // 53,600 // 53,600
	Rated Capacity	BTU/H	45,000 // 43,000 // 41,000
	Minimum Capacity	BTU/H	11,400 // 11,400 // 11,400
	Maximum Power Input	W	6,160 // 6,160 // 6,160
	Rated Power Input	W	3,575 // 3,519 // 3,463
	Power Factor (208V, 230V)	%	98.1, 98.1 // 98.2, 98.2 // 98.2, 98.2
Heating at 17°F ³ (Non-Ducted // Mix // Ducted)	Maximum Capacity	BTU/H	30,500 // 29,800 // 29,100
	Rated Capacity	BTU/H	24,400 // 23,700 // 23,000
	Maximum Power Input	W	4,750 // 4,991 // 5,231
	Rated Power Input	W	2,943 // 2,906 // 2,869
Heating at 5°F4 (Non-Ducted // Mix //	Maximum Capacity	BTU/H	25,000 // 25,000 // 25,000
ucted)	Maximum Power Input	W	5,000 // 5,200 // 5,400
Efficiency (Non-Ducted // Mix // Ducted)	SEER	19.7 // 17.4 // 15.2	
	EER ¹		9.2 // 9.1 // 9.0
	HSPF (IV)		10.3 // 9.7 // 9.1
		3.69 // 3.58 // 3.47	
	COP at 17°F at Maximum Capacity ³		1.88 // 1.75 // 1.63
	COP at 5°F at Maximum Capacity ⁴	1.47 // 1.42 // 1.36	
	ENERGY STAR® Certified	No // No // No	
	Electrical Power Requirements	Voltage, Phase,	208/230, 1, 60
	· .	Frequency	
	Guaranteed Voltage Range	V AC	187-253
	Voltage: Indoor - Outdoor, S1-S2	V AC	208/230
	Voltage: Indoor - Outdoor, S2-S3	V DC	24
lectrical	Short-circuit Current Rating (SCCR)	kA	5
	Recommended Fuse/Breaker Size	A	40
	Recommended Wire Size	AWG	14
	Minimum Circuit Ampacity	A	32.5
	Maximum Overcurrent Protection	A	40
	Fan Motor Full Load Amperage	A	2.43
	Airflow Rate (Cooling / Heating)	CFM	2,150 / 2,550
	Refrigerant Control		LEV
	Defrost Method		Reverse Cycle
	Heat Exchanger Type		Plate fin coil
	Sound Pressure Level, Cooling ¹	dB(A)	56
	Sound Pressure Level, Heating ²	dB(A)	58
	Compressor Type		DC INVERTER-driven Twin Rotary
	Compressor Model		MNB33FBTMC-L
	Compressor Rated Load Amps	A	20
	Compressor Locked Rotor Amps	A	28.8
Dutdoor unit	Compressor Coll Type // Charge	OZ.	FV50S // 37.2
	Base Pan Heater	υζ.	Optional
		W/: In [mm]	•
	Linit Dimensione	W: In. [mm]	37-13/32 [950]
	Unit Dimensions	D: In. [mm]	13 [330]
		H: In. [mm]	41-17/64 [1,048]
	Deduce Dimensions	W: In. [mm]	41-3/8 [1,050]
	Package Dimensions	D: In. [mm]	17-3/8 [440]
		H: In. [mm]	46-3/4 [1,190]
	Unit Weight	Lbs.[kg]	189 [86]
	Package Weight	Lbs.[kg]	214 [97]
	Cooling Intake Air Temp (Maximum / Minimum [*])	°FDB	115 / 14
Outdoor unit operating temperature range	Cooling Thermal Lock-out / Re-start Temperatures	°FDB	10.4 / 14
	Heating Intake Air Temp (Maximum / Minimum)	°FWB	65 / 5
	Heating Thermal Lock-out / Re-start Temperatures	°FDB	1.4 / 5
Refrigerant	Charge	Lbs, oz	8.0, 13.0
	Chargeless Piping Length	Ft. [m]	98.0 [30.0]
	Additional Refrigerant Charge Per Additional Piping Length	oz./Ft. [g/m]	0.216 [20]
IOTES: HRI Rated Conditions Rated data is determined at a fixed com	¹ Cooling (Indoor // Outdoor) °F 8 pressor speed) ² Heating at 47°F (Indoor // Outdoor) °F 7	0 DB, 67 WB // 95 DB, 75 WB 0 DB, 60 WB // 47 DB, 43 WB 0 DB, 60 WB // 17 DB, 15 WB	0.210 [20]

⁴Heating at 5°F (Indoor // Outdoor) °F 70 DB, 60 WB // 5 DB, 4 WB

*Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions. *A 5°F DB - 115°F DB when optional wind baffles are installed

For actual capacity performance based on indoor unit type and number of indoor units connected, please refer to MXZ Operational Performance. Although the maximum connectable capacity is 130%, the outdoor unit cannot provide more than 100% of the rated capacity. Please utilize this over capacity capability for load shedding or applications where it is known that all connected units will NOT be operating at the same time.

Conditions

SPECIFICATIONS: MXZ-5C42NA3

Indoor unit connection	Maximum Nur	Maximum Number of Connected IDU		5	
	Minimum Num	/inimum Number of Connected IDU			2
	Minimum conr	ected capacity		BTU/H	12,000
	Maximum con	nected capacity		BTU/H	51,000
Piping	Liquid Pipe Siz	Liquid Pipe Size O.D. (Flared)		In.[mm]	A,B,C,D,E: 1/4 [A,B,C,D,E: 6.35]
	Gas Pipe Size	O.D. (Flared)		In.[mm]	A: 1/2; B,C,D,E: 3/8 [A: 12.72; B,C,D,E: 9.52]
	Total Piping Le	ngth		Ft. [m]	262 [80]
	Maximum Hei	ht Difference, ODU above IDU		Ft. [m]	49 [15]
	Maximum Hei	ht Difference, ODU below IDU		Ft. [m]	49 [15]
	Farthest Pipin	g Length from ODU to IDU		Ft. [m]	82 [25]
	Maximum Nur	Maximum Number of Bends for IDU			80
NOTES: AHRI Rated Conditions (Rated data is determined at a fixed compressor speed)		¹ Cooling (Indoor // Outdoor) ² Heating at 47°F (Indoor // Outdoor) ³ Heating at 17°F (Indoor // Outdoor)	°F °F °F	80 DB, 67 WB // 95 DB, 75 WB 70 DB, 60 WB // 47 DB, 43 WB 70 DB, 60 WB // 17 DB, 15 WB	

Conditions

^AApplications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions. ^A 5°F DB - 115°F DB when optional wind baffles are installed

⁴Heating at 5°F (Indoor // Outdoor)

For actual capacity performance based on indoor unit type and number of indoor units connected, please refer to MXZ Operational Performance. Although the maximum connectable capacity is 130%, the outdoor unit cannot provide more than 100% of the rated capacity. Please utilize this over capacity capability for load shedding or applications where it is known that all connected units will NOT be operating at the same time.

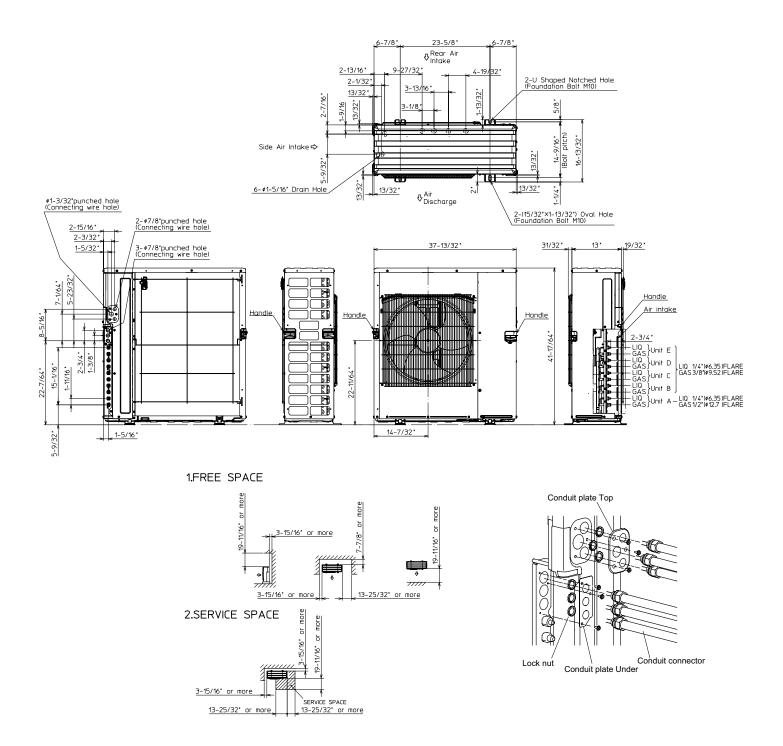
°F 70 DB, 60 WB // 5 DB, 4 WB

OUTDOOR UNIT ACCESSORIES: MXZ-5C42NA3

Air Outlet Guide	Air Outlet Guide (1 Piece)	PAC-SH96SG-E
	Refrigeration Ball Valve - 1/2"	BV12FFSI2
Ball Valve	Refrigeration Ball Valve - 1/4"	BV14FFSI2
Ball valve	Refrigeration Ball Valve - 3/8"	BV38FFSI2
	Refrigeration Ball Valve - 5/8"	BV58FFSI2
Control Wire	M-Net Control Wire, 1,000' Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed- Plenum rated)	CW162S-1000
Control wire	M-Net Control Wire, 250' Roll (16-AWG, Standard, Twisted Pair, Shielded, Jacketed- Plenum rated)	CW162S-250
Drain Socket	Drain Socket	PAC-SG60DS-E
Hail Guards	Hail Guard	HG-A1
M-NET Converter	M-NET Converter	PAC-IF01MNT-E
	14 Gauge, 4 wire MiniSplit Cable—250 ft. roll	S144-250
	14 Gauge, 4 wire MiniSplit Cable—250 ft. roll	SW144-250
	14 Gauge, 4 wire MiniSplit Cable—50 ft. roll	S144-50
	14 Gauge, 4 wire MiniSplit Cable—50 ft. roll	SW144-50
Mini-Split Wire	16 Gauge, 4 wire MiniSplit Cable—250 ft. roll	S164-250
	16 Gauge, 4 wire MiniSplit Cable—250 ft. roll	SW164-250
	16 Gauge, 4 wire MiniSplit Cable—50 ft. roll	S164-50
	16 Gauge, 4 wire MiniSplit Cable—50 ft. roll	SW164-50
Maunting Dad	Condensing Unit Mounting Pad: 16" x 36" x 3"	ULTRILITE1
Mounting Pad	Outdoor Unit 3-1/4 inch Mounting Base (Pair) - Plastic	DSD-400P
Optional Defrost Heater	Optional Defrost Heater	PAC-645BH-E
	Adaptor: 1/2" x 3/8"	MAC-A455JP-E
	Adaptor: 1/2" x 5/8"	MAC-A456JP-E
Port Adapter	Adaptor: 3/8" x 1/2"	MAC-A454JP-E
	Adaptor: 3/8" x 5/8"	PAC-SG76RJ-E
	18" Single Fan Stand	QSMS1801M
	24" Single Fan Stand	QSMS2401M
Stand	Condenser Wall Bracket	QSWB2000M-1
	Condenser Wall Bracket - Stainless Steel Finish	QSWBSS
	Outdoor Unit Stand — 12" High	QSMS1201M

OUTDOOR UNIT DIMENSIONS: MXZ-5C42NA3

Unit: inch (mm)



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



FORM# MXZ-5C42NA3 - 202206

5. 7 Hancock Street - TBD

Background: The applicant is seeking approval for a screening design to hide HVAC equipment.

Staff Comment: TBD

Stipulations:

OpenGov



12/01/2022

LUHD-536

Historic District Commission Work Session or Administrative Approval Application

Status: Active	Date Created: Sep 28, 2022	
Applicant	Primary Location	
Ann-Marie Waterhouse aliceandbirdinteriors@gmail.com	7 HANCOCK ST Portsmouth, NH 03801	
10 Rudolph Ave Kittery, ME 03904	Owner:	
603-781-6329	FOSTER PETER & FOSTER JOANNE 7 HANCOCK ST PORTSMOUTH, NH 03801	

Application Type

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

Alternative Project Address

--

Project Information

Brief Description of Proposed Work

The homeowner would like to add mini-split units to their home. We intend to run all of the lines inside the structure + locate the air handler on the back patio. This is an obscure location, and will be between the bulkhead and the sunroom. Lines will enter the house directly behind the unit.

Description of Proposed Work (Planning Staff)

for the installation of HVAC equipment

Project Representatives

Relationship to Project Other		
If you selected "Other", please state relationship to project. Project Manager		
Full Name (First and Last) Ann-Marie Waterhouse	Business Name (if applicable) Alice + Bird	
Mailing Address (Street) 10 Rudolph Ave	City/Town Kittery	
State ME	Zip Code 03904	
Phone 603-781-6329	Email Address aliceandbirdinteriors@gmail.com	

Acknowledgement

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

\mathbf{V}

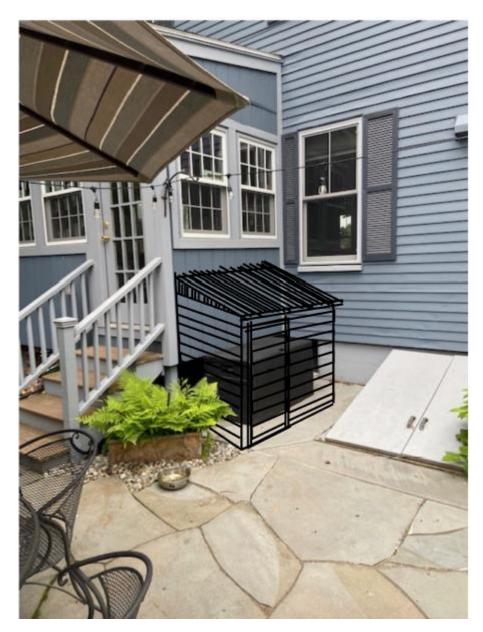
By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction

 \mathbf{V}

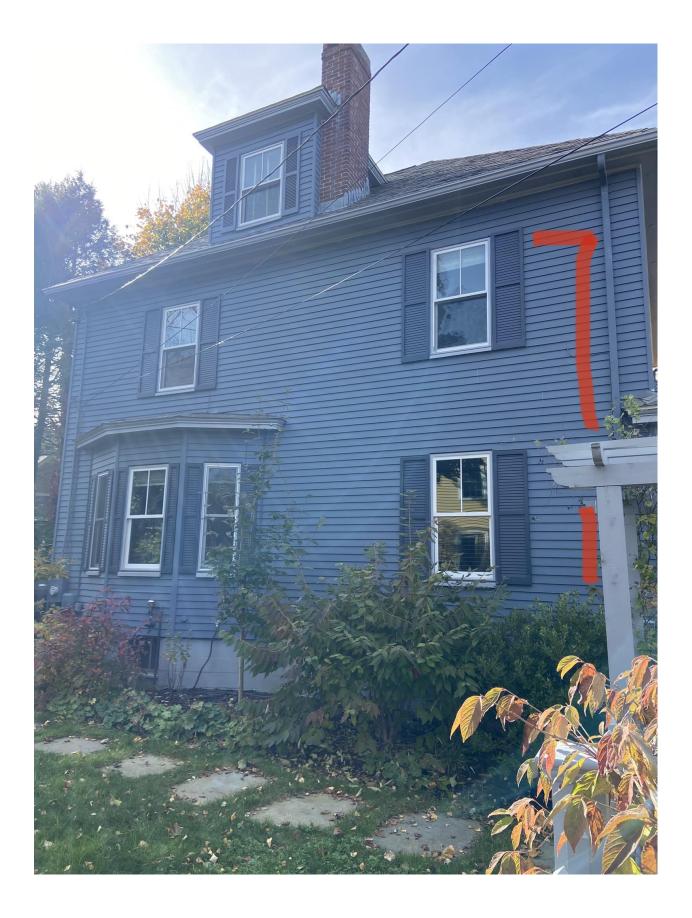
I hereby certify that as the applicant for permit, I am

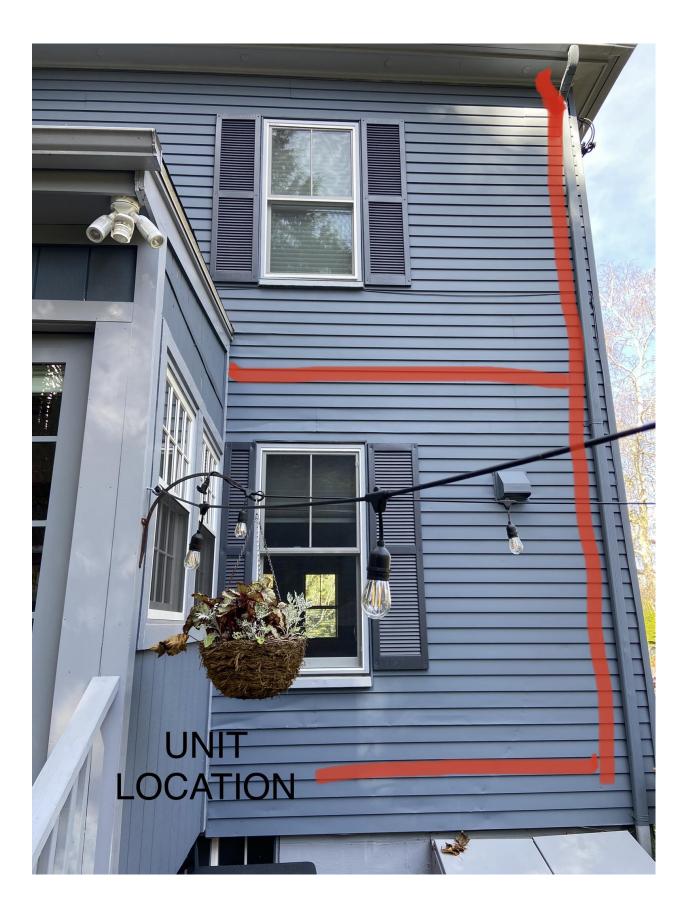


Inspiration for proposed screening.



Proposed design.





6. 40 Pleasant Street - TBD

<u>Background</u>: The applicant is seeking approval for changes to a previously approved design. <u>Staff Comment</u>: TBD

Stipulations:

1.	
2.	
3.	

City of Portsmouth, NH

LU-22-170

Land Use Application

Status: Active

Applicant

Ben Kelley ben@kelleyfamilyproperties.com PO Box 1374

Concord, NH 03302 6032311240 Date Created: Aug 19, 2022

Primary Location

40 PLEASANT ST Portsmouth, NH 03801

Owner:

ALLISON STREET HOLDINGS LLC % & 69 WARREN STREET LLC % 7 Church Street DEERFIELD, NH 03037

12/01/2022

Applicant Information

Please indicate your relationship to this project

A. Property Owner

Alternative Project Address

Alternative Project Address

--

Project Type

Addition or Renovation: any project (commercial or residential) that includes an ADDITION to an existing structure or a NEW structure on a property that already has structure(s) on it

 \Box

New Construction: any project (commercial or residential) that involves adding a NEW structure on a parcel that is currently VACANT. If there are any existing structures on the property (even if you are planning to remove them), you should select Addition and Renovation above

\Box

Minor Renovation: for projects in the Historic District only that involve a minor exterior renovation or alteration that does not include a building addition or construction of a new structure

 $\mathbf{\nabla}$

Home Occupation: residential home occupation established in an existing residential dwelling unit and regulated by the Zoning Ordinance. Home Occupations are not allowed in the following Zoning Districts: Waterfront Business, Office Research, Industrial, or Waterfront Industrial

New Use/Change in Use: for a change of land use or an expansion to an existing use (e.g. addition of dwelling units) that includes no exterior work or site modifications

 \Box

Temporary Structure / Use: only for temporary uses (e.g. tents, exhibits, events)

\Box

Demolition Only: only applicable for demolition projects that do not involve any other construction, renovation, or site work

Subdivision or Lot Line Revision: for projects which involved a subdivision of land or an adjustment to an existing lot line

Other Site Alteration requiring Site Plan Review Approval and/or Wetland Conditional Use Permit Approval

Sign: Only applies to signs requiring approval from a land use board (e.g. Historic Commission, Zoning Board of Adjustment)

Request for Extension of Previously Granted Land Use Approval

40 PLEASANT STREET

40 PLEASANT STREET

HISTORIC DISTRICT COMMISSION ADMINISTRATIVE APPROVAL (for LIGHTING) - 12/14/2022

PREVIOUS SUBMISSIONS:

PUBLIC HEARING - 10/05/2022 PUBLIC HEARING / WORK SESSION - 09/07/2022

DESIGN INTENT:

- REPLACE EXISTING WINDOWS WITH NEW WINDOWS THAT UPHOLD THE HISTORICAL APPEARANCE OF THE CUSTOM HOUSE
- REMOVE EXISTING CANVAS AWNINGS AND CONSTRUCT NEW STEEL AND CLASS AWNINGS AT PLEASANT, CHURCH, AND STATE STREET ENTRANCES
- REPLACE EXISTING ENTRY DOOR WITH NEW DOOR AND FRAMES THAT UPHOLD THE HISTORICAL APPEARANCE OF THE CUSTOM HOUSE
- REPLACE CURRENT SIGNAGE WITH NEW SIGNAGE THAT BETTER RESPECTS THE . BUILDING ARCHITECTURE

INSTALL NEW EXTERIOR LIGHTING TO ENHANCE THE FACADES AT NIGHT •

SITE LOCATION MAP: 0 a P Niddle Scho a the S

BUILDING LOCATION

DRAWING INDEX:

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T1.0	CONTEXT - HISTORIC	
T1.1	CONTEXT - EXISTING	

EXISTING DRAWINGS

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	GROUND PLAN
XISTING	NORTH ELEVATION
XISTING	EAST ELEVATION
XISTING	SOUTH ELEVATION
XISTING	WEST ELEVATION
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	WINDOW IMAGES
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ARCHIT	ECTURAL DRAWINGS	
A2.0 A2.1	PROPOSED NORTH ELEVATION PROPOSED EAST ELEVATION	
A2.2	PROPOSED SOUTH ELEVATION	
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A5.1	SECTIONS AND DETAILS	
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A6.1	LIGHTING PERSPECTIVE IMAGES	
A6.2	LIGHTING PERSPECTIVE IMAGES	
A7.0	WINDOW TYPES	
A7.1	DOOR TYPES	
A7.2	WINDOW DETAIL COMPARISON	
A7.3	LIGHTING DETAILS	
A8.0	WINDOW CUT SHEET	
A8.1	LIGHTING CUT SHEET	
A9.0	CANOPY PLAN/INSPIRATION	-REN
A9.1	LIGHTING INSPIRATION	

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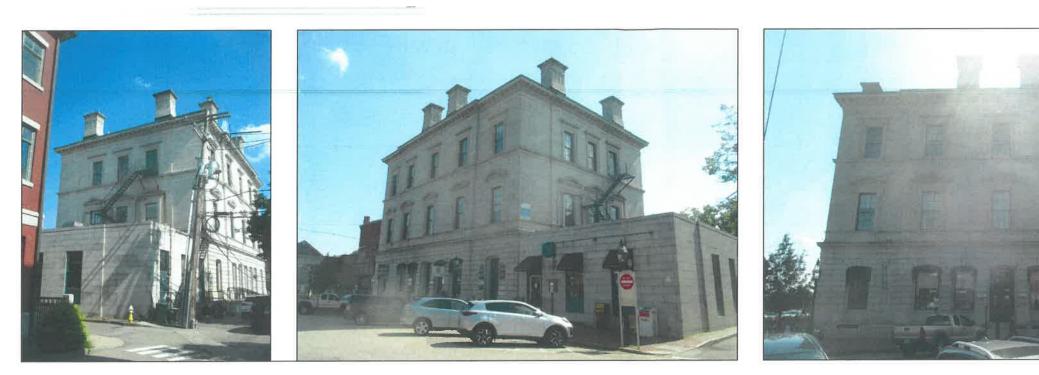
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MOVED FROM SUBMISSION MOVED FROM SUBMISSION

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ets	FOR	LIGHTING	SUBMISSION	SHOWN
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40 PLEASANT STREET	40 PLEASANT STREET PORTSMOUTH, NH 03801
PROJECT: KEY:	
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REVISIONS:	
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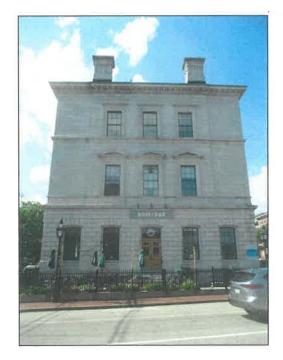
EXISTING NORTH WEST BUILDING CORNER

4

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EXISTING NORTH EAST BUILDING CORNER

EXISTING EAST ELEVATION







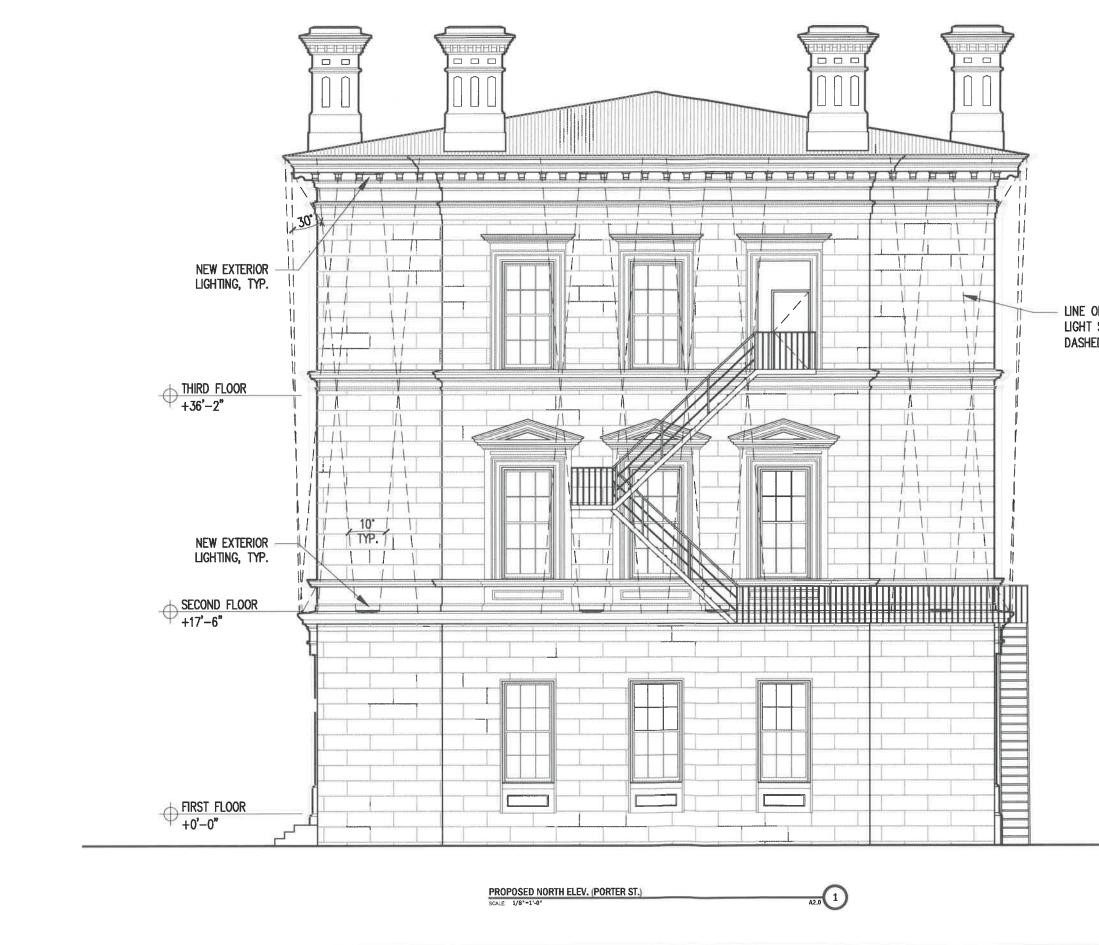
EXISTING SOUTH EAST BUILDING CORNER

EXISTING WEST ELEVATION





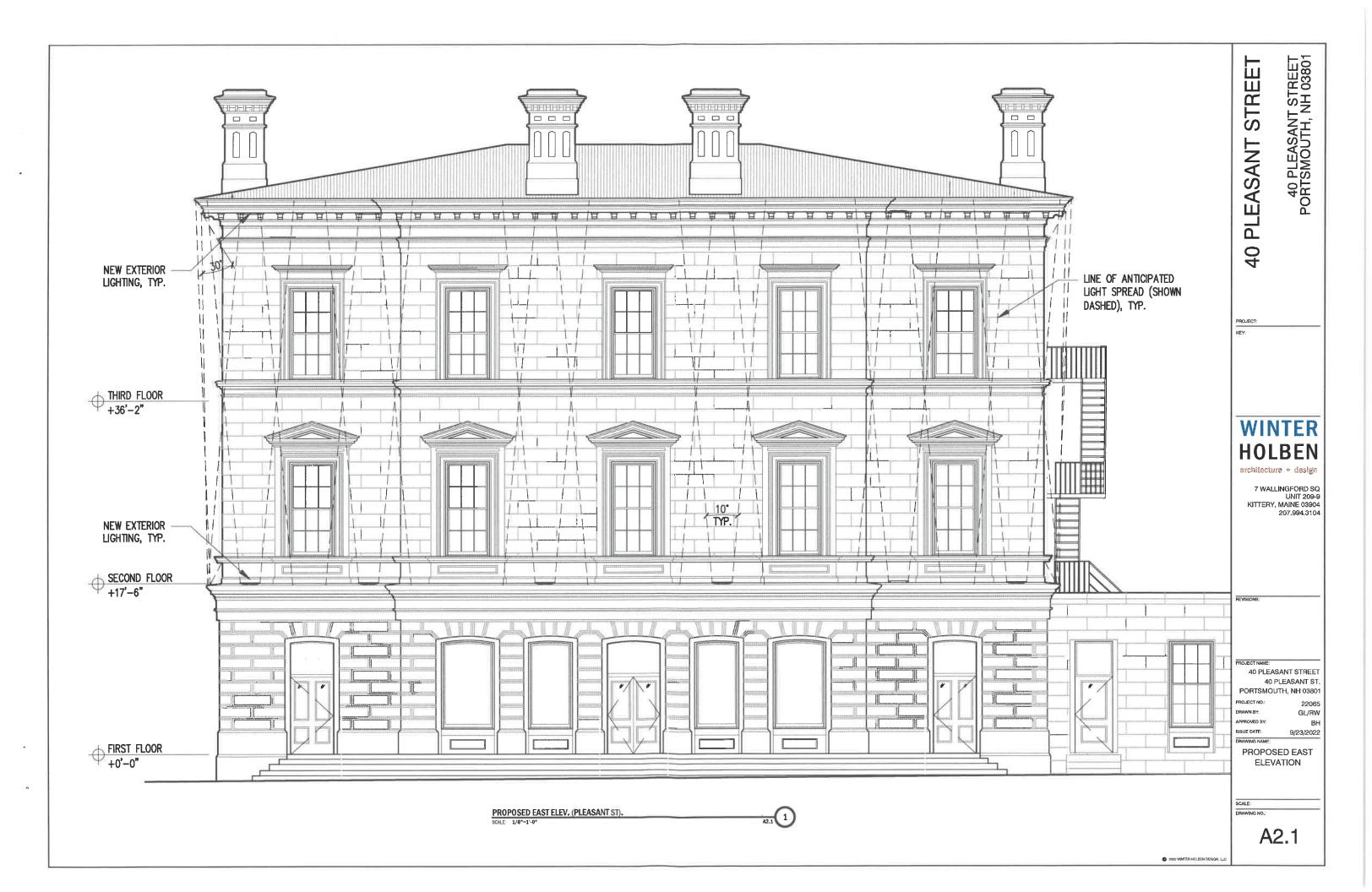
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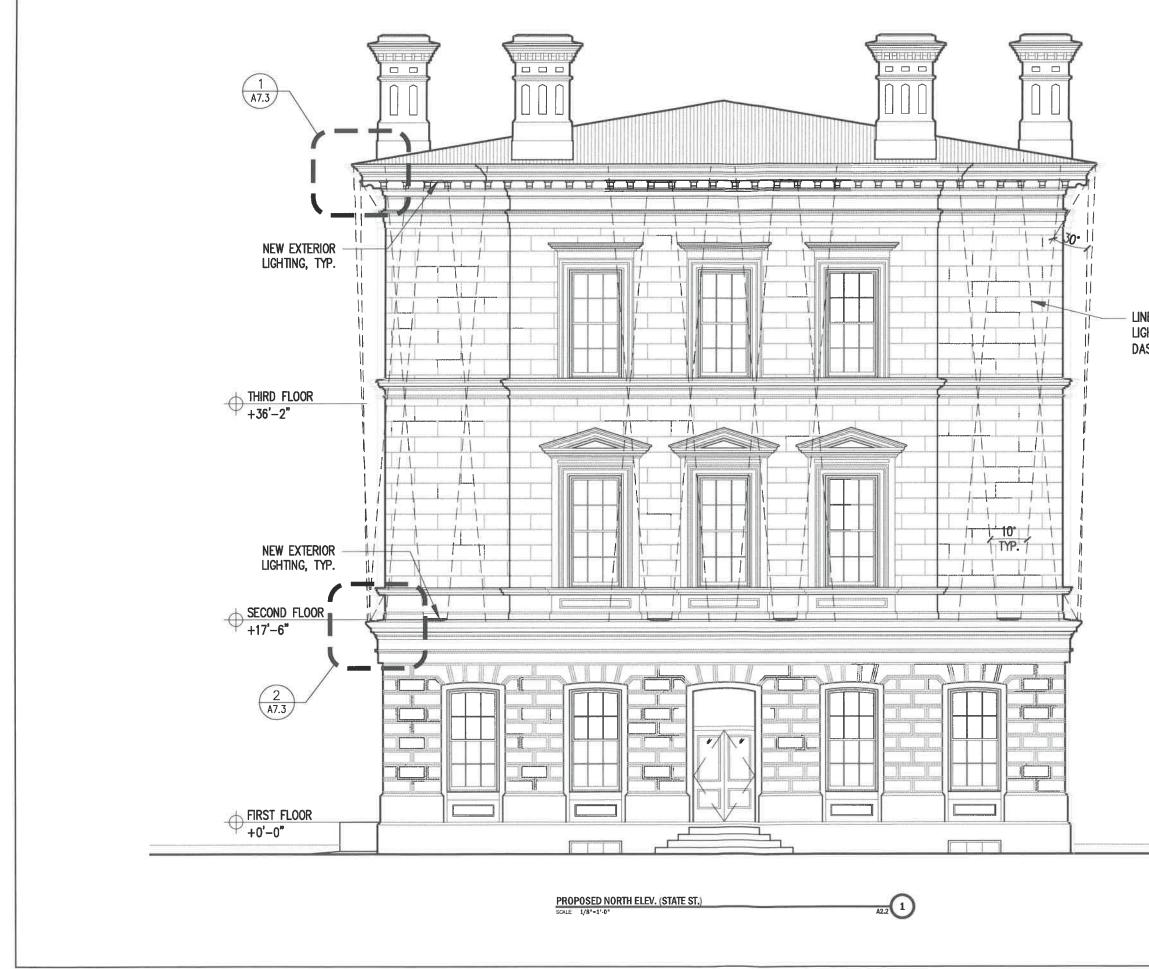


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LINE OF ANTICIPATED LIGHT SPREAD (SHOWN DASHED), TYP.

	40 PLEASANT STREET	40 PLEASANT STREET PORTSMOUTH, NH 03801
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	HOL architectu 7 WAL	ITER BEN Ing + design LINGFORD SQ UNIT 209-9 MAINE 03904 207.994,3104
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2022 WINTER HOLBEN DESIGN, LLC	A	2.0

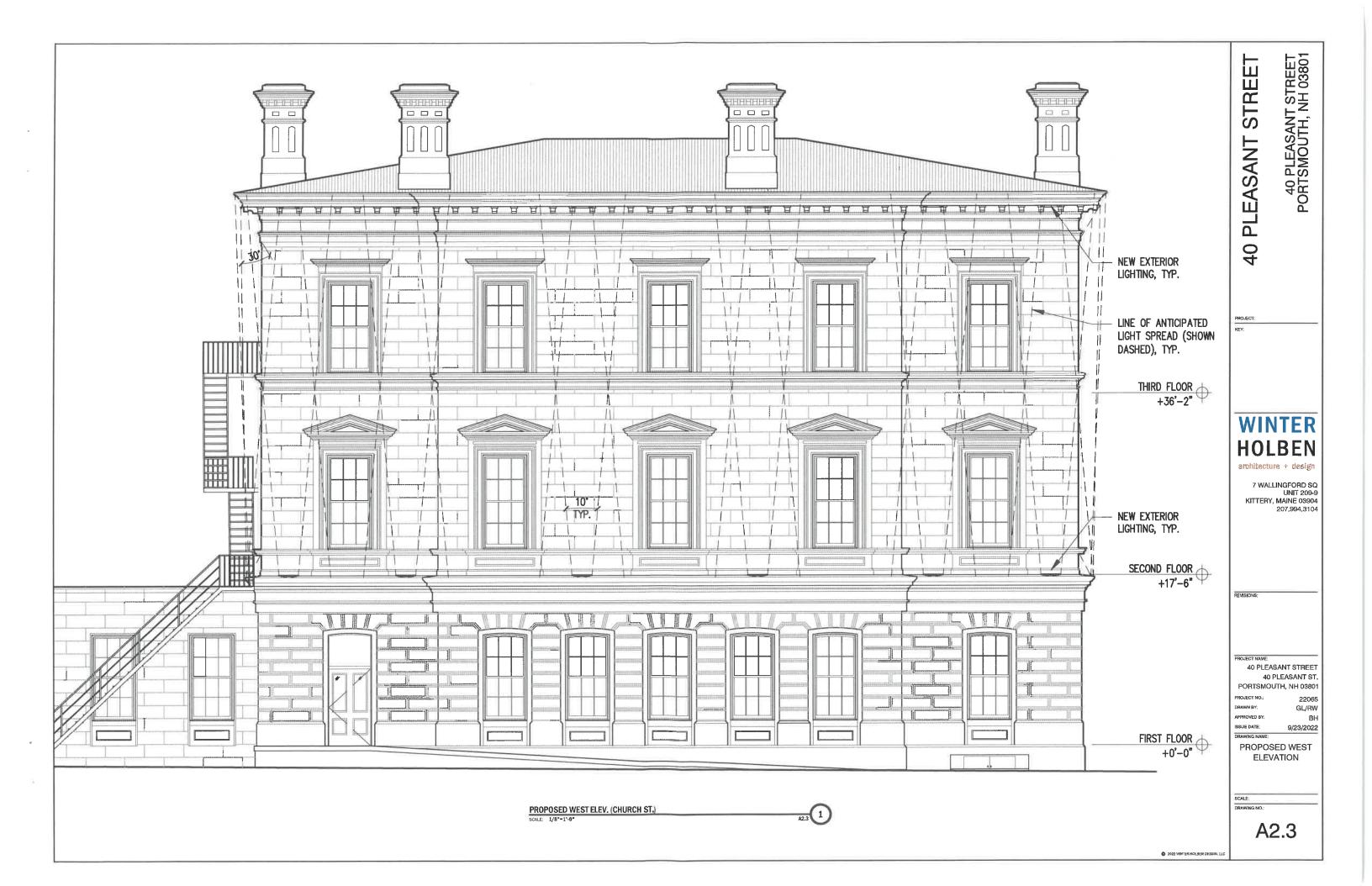




LINE OF ANTICIPATED LIGHT SPREAD (SHOWN DASHED), TYP.

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PROJECT: KEY:	
HOL	LINGFORD SQ UNIT 209-9
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2022 WINTER HOLBEN DESIGN, LLC





40 PLEASANT STREET FROM CORNER OF PLEASANT AND STATE - DAY TIME SCALE: N.T.S.

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	40 PLEASANT STREET	40 PLEASANT STREET PORTSMOUTH, NH 03801
	PROJECT: KEY:	
	HOL architectur 7 WALL	ITER BEN re + design INGFORD SQ UNIT 209-9 MAINE 03904 207.994.3104
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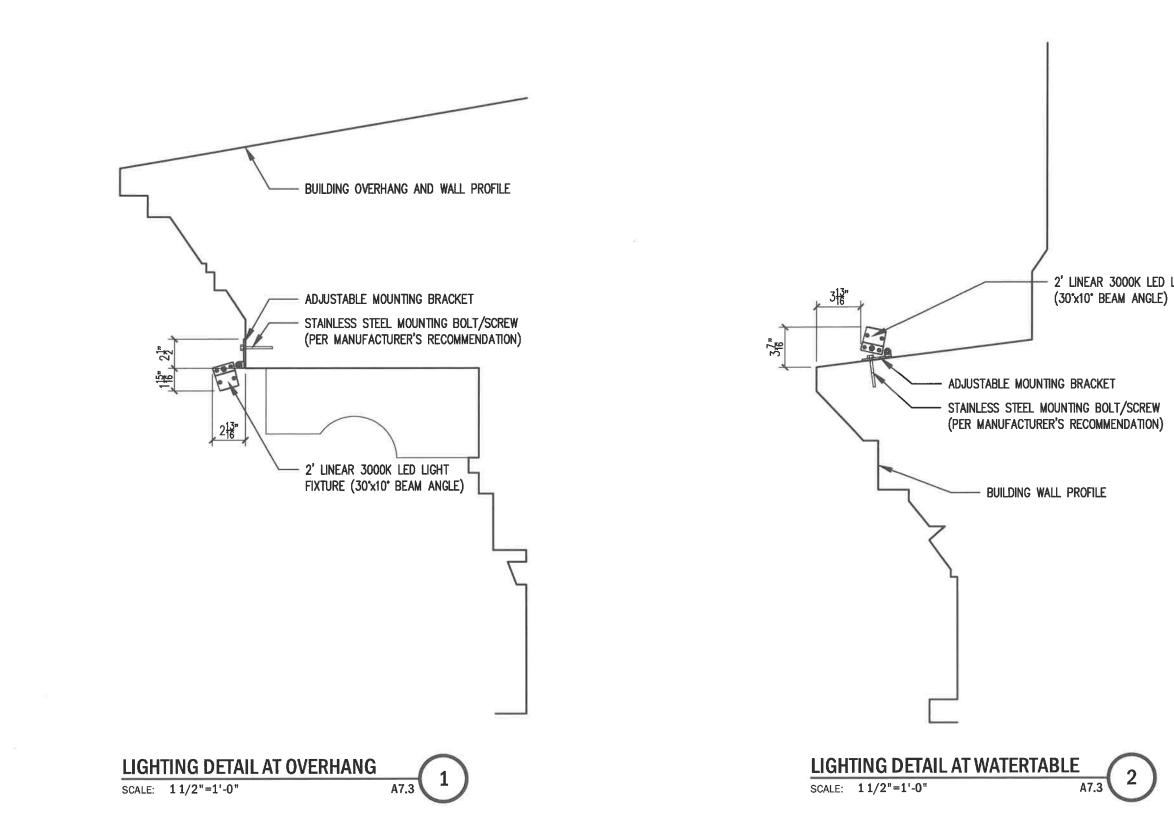
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	PROJECT: KEY:	
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- 2' LINEAR 3000K LED LIGHT FIXTURE

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40 PORTSMO PROJECT NO.: DRAWN BY: APPROVED BY: ISSUE DATE: DRAWING NAME:	ASANT STREET PLEASANT ST. DUTH, NH 03801 22065 GL/RW BH 9/23/2022 G DETAILS
SCALE: DRAWING NO.:	7.3

2022 WINTER HOLBEN DESIGN, LI

Specification Sheet

10°x30°

10°x60°

10°x90°

30°x10°

30°x30°

30°x60°

30°x90°

60°x10°

60°x60°

60°x90°

90°x90°

W (120°)

ww

IESNA LM-79-08

1

ha-ha-

90° × 90° W (1209) WW

Optics

8° x 8

- 60

2,038

2,026

2,031

2,043

2,986

2.895

2,917

2,025

2,924

2,905

2,856

1,225

2,164

Based on 4000K, CRI 80+, 4ft [1219mm], NO contro

ance is measured in compliance with

A BA BA BA BA

30° x 30° 30° x 60° 30° x 90° 60° x 10° 60° ± 60° 60° x 90°

12,959

6,911

3,622

12,919

6,894

4.362

3,152

8,019

2,162

2,603

1,766

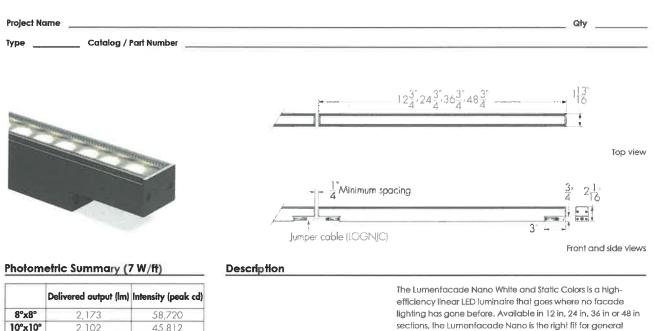
602

10,498

lumenfacade nano LOGN

WHITE AND STATIC COLORS

Specification Sheet



	ON/OFF
acing $\frac{3}{4}$ $2\frac{1}{5}$	Ratings
3	IP66 IK08
Front and side views	Certifications
	c(Vi)us CE
The Lumenfacade Nano White and Static Colors is a high- efficiency linear LED luminaire that goes where no facade	
lighting has gone before. Available in 12 in, 24 in, 36 in or 48 in sections, the Lumenfacade Nano is the right fit for general	3G VISAATION
urban structures, historical buildings and those hardest to reach places. The Lumenfacade Nano packs all the bells and whistles	NATION IN CONTROL OF C
of the larger members of the Lumenfacade family and can be configured with a wide number of options, including; optics for	
grazing, floodlighting or wall washing; a choice of outputs;	
various color temperatures or static colors; various mounting options, finishes, accessories and controls. Now with 3G	
vibration-rating options, this little fixture can really go anywhere.	

1 / 16

Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue
Optics	8° x 8°, 10° x 10°, 10° x 30°, 10° x 60°, 10° x 90°, 30° x 10°, 30° x 30°, 30° x 60°, 30° x 90°, 60° x 10°, 60° x 60°, 60° x 90°, 90° x 90°, Wide 120°, Asymmetric Wallwash
Options	Corrosion-resistant coating for hostile environments, 3G ANSI C136,31-2010 Vibration Rating for bridge applications
Power Consumption	2 W/ft, 4 W/ft, 7 W/ft
Warranty	5-year limited warranty
Performance	
Maximum Delivered Output	884 lm (2 W/ft, 48 in fixture, 4000K CRI 80+, 30° x 30°, NO control), 1,767 lm (4 W/ft, 48 in fixture, 4000K CRI 80+, 30° x 30°, NO control), 2,986 lm (7 W/ft, 48 in fixture, 4000K CRI 80+, 30° x 30°, NO control)
Maximum Delivered Intensity	20,676 cd at nadir (2 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, NO control), 41,352 cd at nadir (4 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, NO control), 58,720 cd at nadir (7 W/ft, 48 in fixture 4000K CRI 80+, 8° x 8°, NO control)

lumenpulse"	1220 Marie-Victorin Biv info휭lumenpulse.com

 Wd., Longueuli, QC, J4G 2H9, CA
 T United States 617.307.5700 | Canada 1.877.937.3003 | 514.937.3003
 F 514.937.6289

 m
 www.lumenpuke.com
 www.lumenpuke.com/products/2543
 F 514.937.6289

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Colors and Color Temperatures	Illuminance at I
2200K 2700K 3000K 3500K 4000K	
	Color Consisten
Red Green Blue	Color Rendering
Controls	Lumen Mainten
	Physical
ON/OFF UCTL	Housing Materia
Ratings	Lens Material
IP66 IK08	Hardware Mate
Certifications	End Cap Materi
	Gasket Materia
e 🕀 us CE 📭 🔬 🏂	Sunface Finish
Day	Weight
SCC VIBRATION	Electrical an
RATING	Voitage
	Resolution (DMX
	Control
	Environmen
	Storage Temper
	Start-up Temper
	Operating Temp
	Ingress Protectio
	Impact Resistan
	Application Win
	Accessories
	Cables
	Control Boxes

Illuminance at Distance	Minir 8°, N 4000
	(7 W,
Color Consistency	3 SD0 90°, 3
Color Rendering	CRI 8
Lumen Maintenance	L70 >
Physical	
Housing Material	Low
Lens Material	Clea
Hardware Material	Stain
End Cap Material	Macl
Gasket Material	Silico
Surface Finish	Elect
Weight	1.4 lb
Electrical and control	
Voitage	48 V[
Resolution (DMX/RDM)	Per fi
Control	On/C
Environmental	
Storage Temperature	-40 °F
	befo
Start-up Temperature	-13 °F
Operating Temperature	-40 °F
Ingress Protection Rating	IP66
Impact Resistance Rating	IK08 (
Application Wind Speed	Lumir
	ensur valid
	are su
	appli
Accessories (order separately)	
Cables	Lume
	Cabl
	Nano
Control Boxes	Low-
Remote Power Supply	Large
Optical Accessories	Lume
	Nanc

lumenpulse [®]	1220 Marie-Victorin Bivd., L	Longueull, QC, J4G 2H9, CA	T United States 617
	info®lumenpulse.com	www.lumenpube.com	www.lumenpube.co
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lumenfacade nano LOG

WHITE AND STATIC COLORS

imum 1 fc at 144 ft (2 W/ft, 48 in fixture, 4000K CRI 80+, 8° x NO control}, Minimum 1 fc at 203 ft (4 W/ft, 48 in fixture, 0K CRI 80+, 8° x 8°, NO control), Minimum 1 fc at 242 ft V/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, NO control)

DCM (2 SDCM for 8° x 8°, 10° x 10°, 10° x 30°, 10° x 60°, 10° x . 30° x 10°, 60° x 10°, W and WW optics)

80+, CRI 90+ (27K and 30K color temperatures only)

>90,000 hrs

copper content extruded aluminum

ar tempered glass

nless steel

chined aluminum

one

trostatically applied polyester powder coat

lbs (12 in), 2.9 lbs (24 in), 4.4 lbs (36 in), 6 lbs (48 in)

/DC

fixture, 8-bit or 16-bit

Off control, Universal control (compatible with 0-10V, DALI MX/RDM systems)

°F to 185 °F (device must reach start-up temperature value ore operating)

°F to 122 °F

•F to 122 •F

(IK09 for 48 in fixtures)

ninaires were designed based on AASHTO 2013 standard to ure highest quality and safety. Installation should be dated by a local project engineer to ensure the luminaires suitable for the wind speed and exposure of the specific lication

enfacade Nano Jumper Cable (LOGNJC), Trunk Power ole (TKPWR), Trunk Data Cable (TKDMX), Lumenfacade o Jumper Cable Joiner (LOGNJC-JOINER)

-Voltage Control Box (LCBX), Low-Voltage Splitter Box (LSBX)

ge Power Supply (LGPSU)

enfacade Nano Radial Louver (LOGNRD), Lumenfacade io Visor (LOGNVS)

17.307.5700 | Canada 1.877.937.3003 | 514.937.3003 | F 514.937.6289 com/products/2543

be effective immediately

2 / 16

A8.1

40 PLEASANT STREET	40 PLEASANT STREET PORTSMOUTH, NH 03801
PROJECT: KEY:	
HOL architectu 7 WAL	ITER BEN re → design LINGFORD SQ UNIT 2039 MAINE 03904 207.994,3104
REVISIONS:	
40 PORTSMOU PROJECT NO.: DRAWN BY: APPROVED BY: ISSUE DATE: DRAWING NAME: LIGHTI	SANT STREET PLEASANT ST. JTH, NH 03801 22065 GL/RW BH 9/23/2022 NG CUT IEET
SCALE: DRAWING NO.:	

2022 WINTER HOLBEN DESIGN, LI





LIGHTING PRECEDENT 1

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LIGHTING PRECEDENT 2



LIGHTING PRECEDENT 3



LIGHTING PRECEDENT 4



40 PLEASANT STREET	40 PLEASANT STREET PORTSMOUTH, NH 03801
HOL architectu 7 WAL	ITER BEN re + design LINGFORD SQ UNIT 209-9 MAINE 03904 207.994,3104
REVISIONS:	
40 PORTSMOU PROJECT NO.: DRAWN BY: APPROVED BY: ISSUE DATE: DRAWING NAME: LIGH INSPIE INSPIE	SANT STREET PLEASANT ST. JTH, NH 03801 22065 GL/RW BH 9/23/2022 ITING RATION GES
SCALE: DRAWING NO.:	9.1

7. 161 Deer Street - Recommended Approval

<u>Background</u>: The applicant is seeking approval for changes to a previously approved design. <u>Staff Comment</u>: Recommended Approval

Stipulations:

1.	
2.	
3.	



LUHD-558

Historic District Commission Work Session or Administrative Approval Application

Status: Active	Date Created: Dec 5, 2022	
Applicant	Primary Location	
Carla Goodknight carla@cjarchitects.net	161 DEER ST Portsmouth, NH 03801	
233 Vaughan Street Suite 101 Portsmouth, NH 03801 6034312808	Owner:	
	EIGHTKPH LLC 233 VAUGHN ST UNIT 301 PORTSMOUTH, NH 03801	

Application Type

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

Alternative Project Address

70 Maplewood

Project Information

Brief Description of Proposed Work

During TAC work session review, it was determined that the Garage Exit & Entry on Maplewood Avenue would not be permitted. The applicant proposed relocating the Garage Exit & Entry to the opposite side of the building abutting the adjacent lot.

Description of Proposed Work (Planning Staff)

--

Project Representatives

Relationship to Project Architect	
If you selected "Other", please state relationship to project.	
Full Name (First and Last)	Business Name (if applicable)
Carla	Goodknight
Mailing Address (Street)	City/Town
233 Vaughan Street	Portsmouth
State	Zip Code
NH	03801
Phone	Email Address

6034312808

Email Address carla@cjarchitects.net

Acknowledgement

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

\mathbf{V}

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

LETTER OF AGENDA

We respectfully submit this Application for Amended Approval.

Property Address Updates:

The property address originally intended to be 88 Maplewood Avenue has been revised to be 70 Maplewood Avenue. The project will be presented to the Portsmouth Planning board at the December 15th meeting as 161 Deer Street.

TAC Review Comments and Revisions:

During TAC work session review, it was determined that the Garage Exit & Entry on Maplewood Avenue would not be permitted. The applicant proposed relocating the Garage Exit & Entry to the opposite side of the building abutting the adjacent lot.

The garage door will not face Maplewood Avenue or Deer Street in this proposed revision.

Thank you for your consideration.

Sincerely,

Carla Goodknight, AIA, NCARB Principal, CJ Architects



70 MAPLEWOOD (LOT 5)

PORTSMOUTH, NEW HAMPSHIRE

APPROVED VIEW FROM VAUGHAN STREET

HDC APPLICATION TO AMEND PREVIOUS APPROVAL: DECEMBER 7, 2022





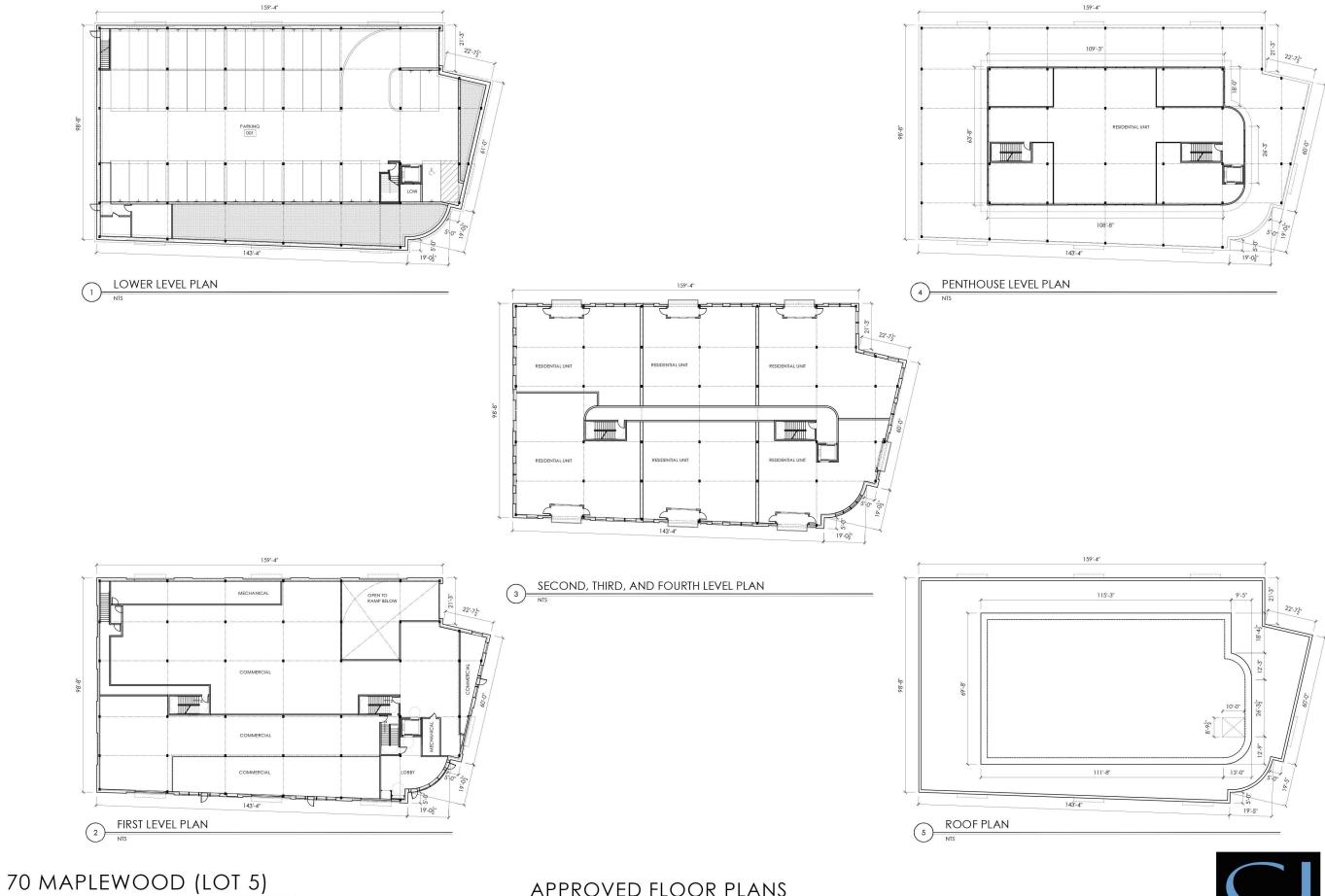
PROPOSED VIEW FROM VAUGHAN STREET

HDC APPLICATION TO AMEND PREVIOUS APPROVAL: DECEMBER 7, 2022

70 MAPLEWOOD (LOT 5)

PORTSMOUTH, NEW HAMPSHIRE



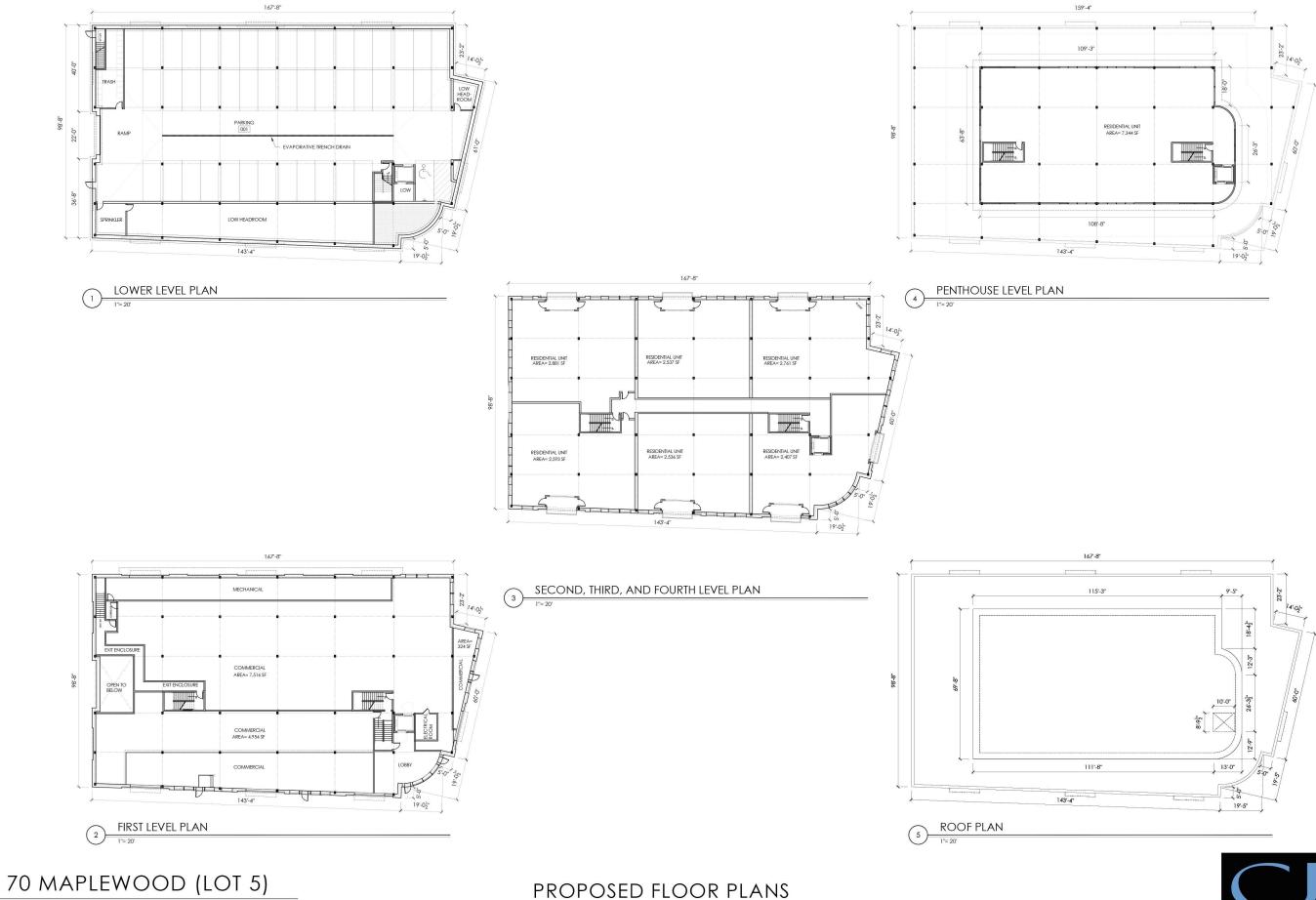


PORTSMOUTH, NEW HAMPSHIRE

APPROVED FLOOR PLANS

HDC APPLICATION TO AMEND PREVIOUS APPROVAL: DECEMBER 7, 2022





PORTSMOUTH, NEW HAMPSHIRE

HDC APPLICATION TO AMEND PREVIOUS APPROVAL: DECEMBER 7, 2022





DEER STREET ELEVATION





RAIL CORRIDOR ELEVATION

WEST ELEVATION

70 MAPLEWOOD (LOT 5)

PORTSMOUTH, NEW HAMPSHIRE

APPROVED ELEVATIONS

HDC APPLICATION TO AMEND PREVIOUS APPROVAL: DECEMBER 7, 2022

MAPLEWOOD AVENUE ELEVATION







DEER STREET ELEVATION





RAIL CORRIDOR ELEVATION



WEST ELEVATION

70 MAPLEWOOD (LOT 5)

PORTSMOUTH, NEW HAMPSHIRE

PROPOSED ELEVATIONS

HDC APPLICATION TO AMEND PREVIOUS APPROVAL: DECEMBER 7, 2022

MAPLEWOOD AVENUE ELEVATION







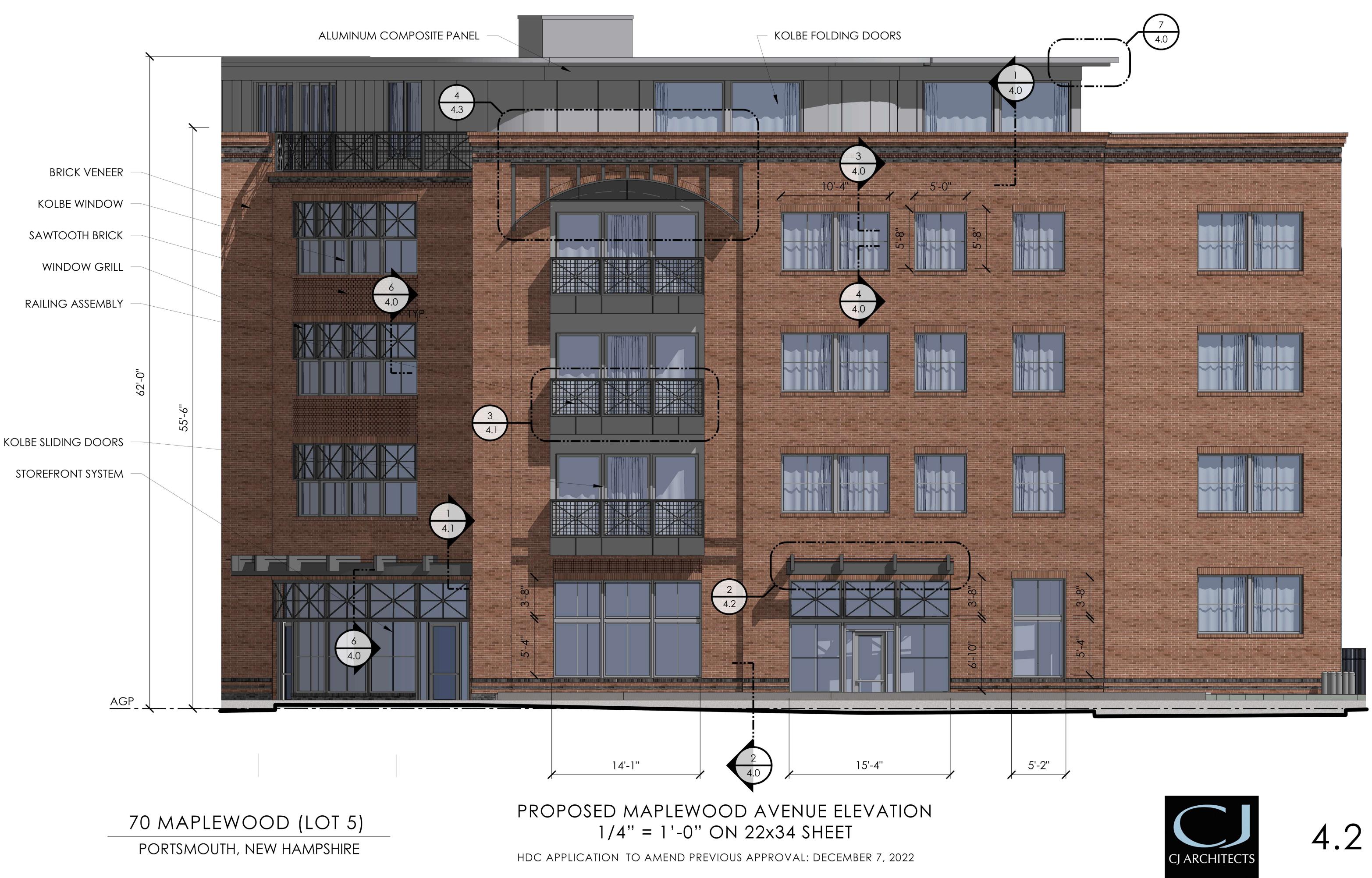
HDC APPLICATION TO AMEND PREVIOUS APPROVAL: DECEMBER 7, 2022

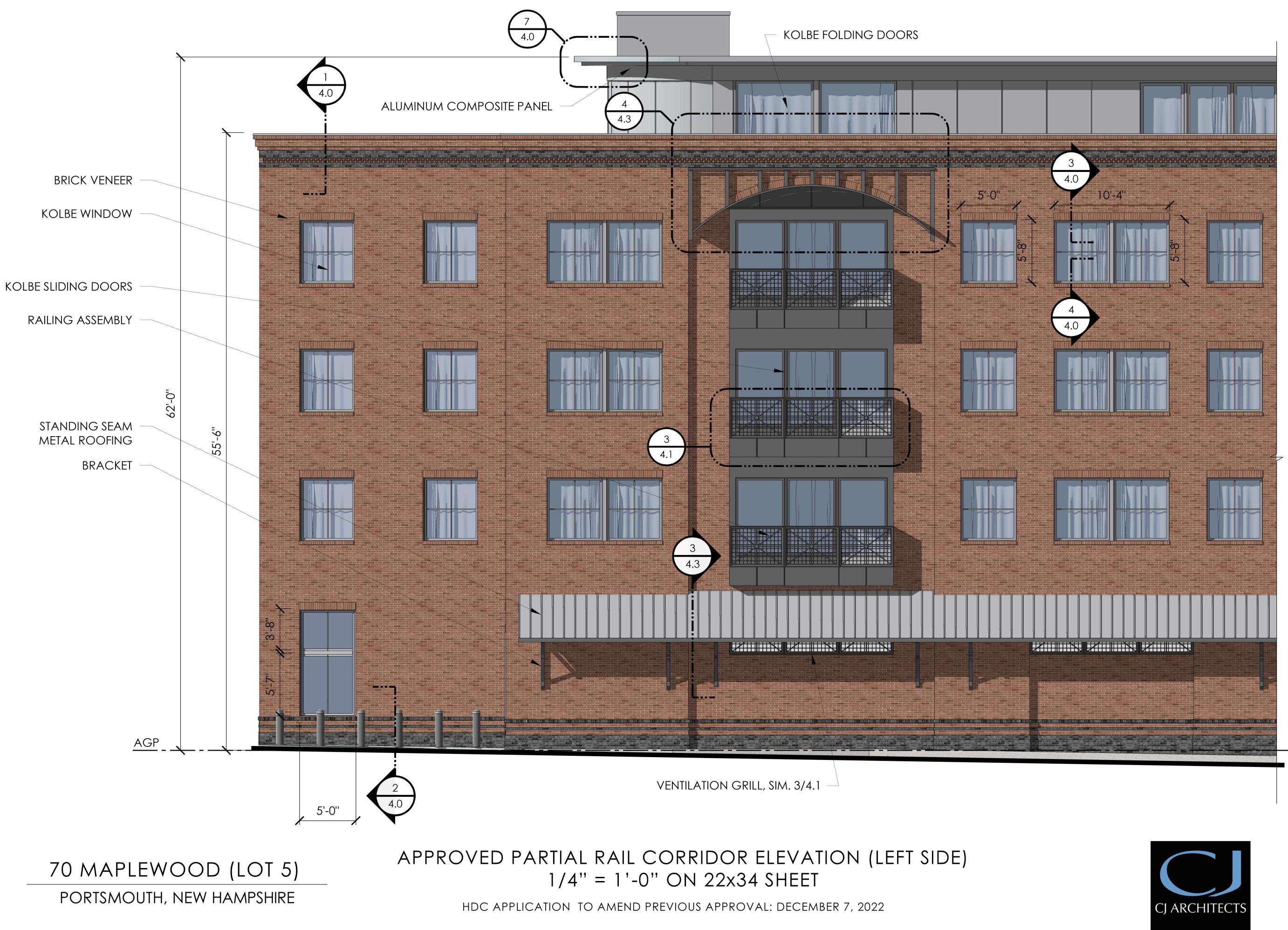




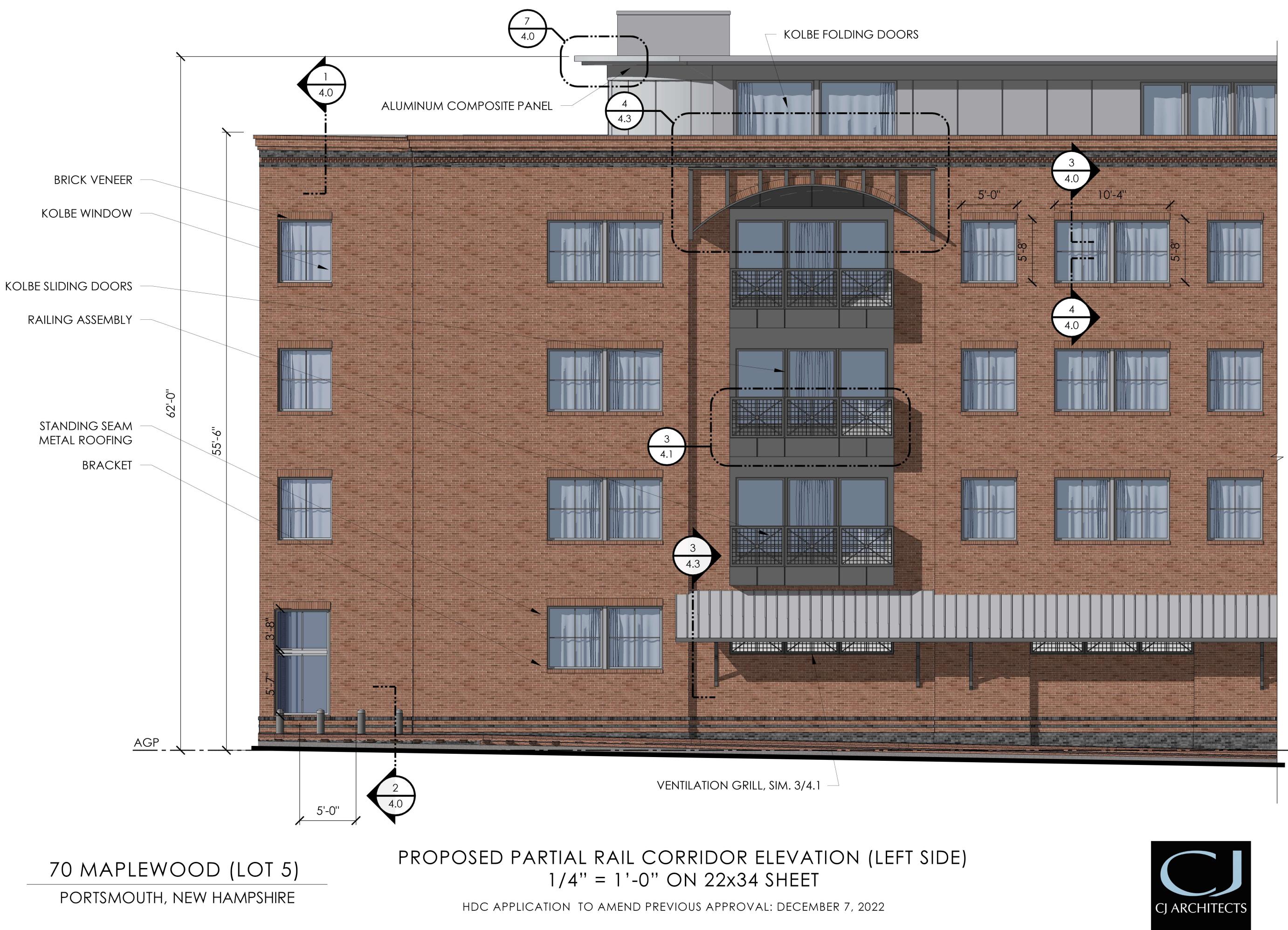








5.1



5.2





8. 147 Congress Street

- Recommended Approval

<u>Background</u>: The applicant is seeking approval for changes to a previously approved design. <u>Staff Comment</u>: Recommended Approval

Stipulations:

1.	
2.	
3.	



LUHD-559

Historic District Commission Work Session or Administrative Approval Application

Status: Active	Date Created: Dec 6, 2022
Applicant	Primary Location
Danielle Cain dcain@marketsquarearchitects.com	147 CONGRESS ST Portsmouth, NH 03801
104 Congress St Suite 203	Owner:
Portsmouth, NH 03801 603-501-0202	LUCKY THIRTEEN PROPERTIES LLC PO BOX 300 RYE, NH 03870-0300

12/09/2022

Application Type

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

Alternative Project Address

--

Project Information

Brief Description of Proposed Work

• MOCKUP OF BRICK STAIN FOR RECORD, SITE VISIT NOT REQUIRED IF HDC MEMBERS CAN VISIT ON THEIR OWN TIME. SEE PLAN FOR LOCATION.

- REPLACEMENT OF EXISTING STOREFRONT WITH NEW STOREFRONT
- ADJUSTMENT TO NORTH ELEVATION CANOPY FOOTPRINT
- ADJUSTMENT TO WEST ELEVATION STAIR LOCATION AND GLAZING SIZE
- EXTERIOR LIGHTING
- MEP VENT LOCATIONS

Description of Proposed Work (Planning Staff)

--

Project Representatives

Relationship to Project

Architect

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

Full Name (First and Last) sarah howard

Mailing Address (Street) 104 Congress St

State NH

Phone 603.501.0202 **Business Name (if applicable)** Market Square Architects

City/Town Portsmouth

Zip Code 03801

Email Address showard@marketsquarearchitects.com

Acknowledgement

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

☑

<u>147 CONGRESS STREET</u>

GENERAL PROJECT DESCRIPTION:

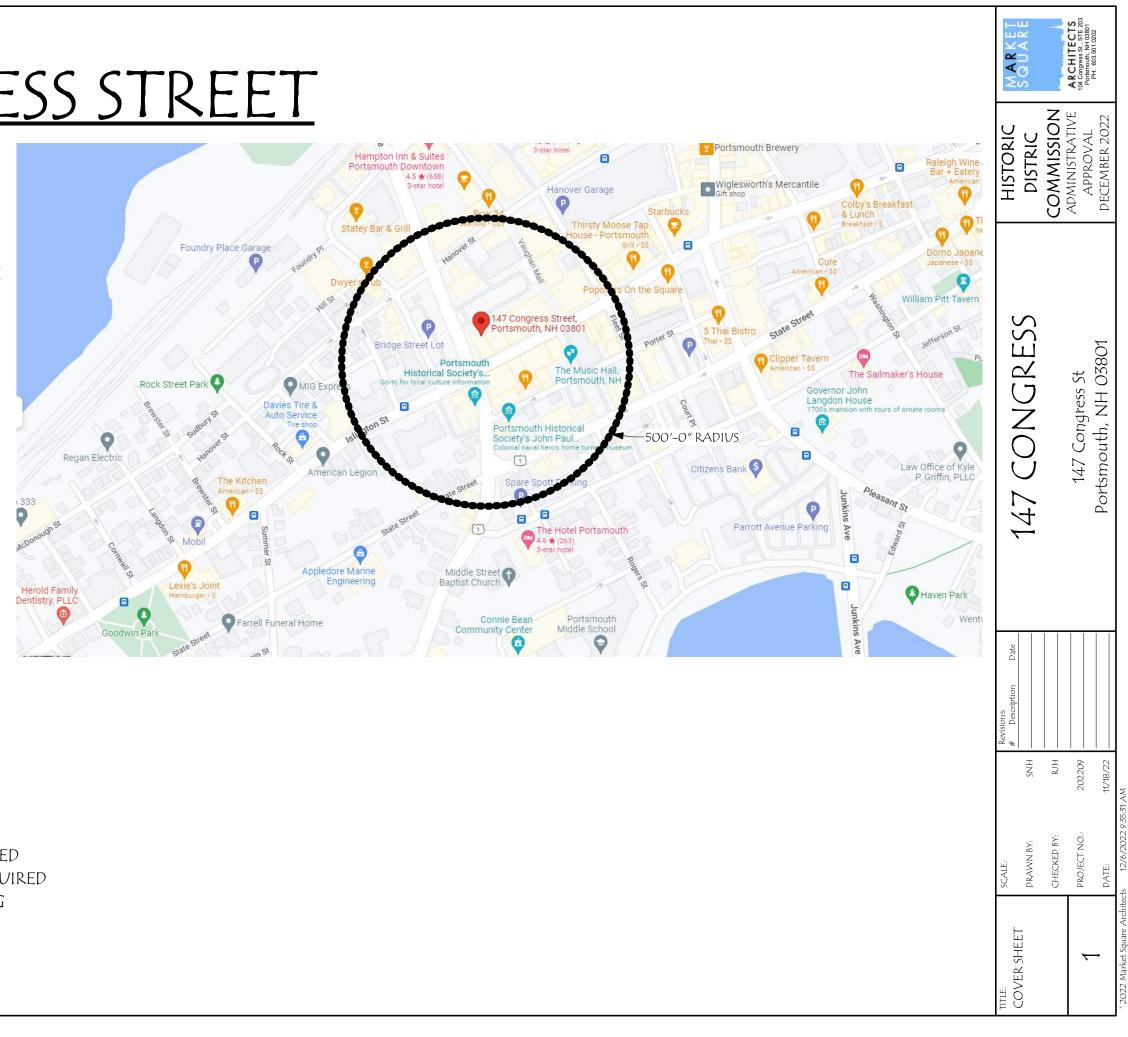
THIS PROJECT CONSISTS OF THE ADDITION OF A NEW GROUND UP SINGLE STORY STRUCTURE TO AN EXISTING BUILDING

NEW SCOPE:

- ◇ MOCKUP OF BRICK STAIN FOR RECORD, SITE VISIT NOT REQUIRED IF HDC MEMBERS CAN VISIT ON THEIR OWN TIME. SEE PLAN FOR LOCATION.
- ◇ REPLACEMENT OF EXISTING
 STOREFRONT WITH NEW STOREFRONT
- ◇ ADJUSTMENT TO NORTH ELEVATION CANOPY FOOTPRINT
- ♦ ADJUSTMENT TO WEST ELEVATION STAIR LOCATION AND GLAZING SIZE
- ♦ EXTERIOR LIGHTING
- ♦ MEP VENT LOCATIONS

ZONING SUMMARY:

ZONING DISTRICT: HISTORIC DISTRICT CD5, DOWNTOWN OVERLAY DISTRICT LOT SIZE: ~6,282 SF MIN OPEN SPACE: 5% BVILDING HEIGHT: 2-3 STORIES, 40'-0" ALLOWED MIN GROUND STORY HEIGHT : 12'-0" MIN REQUIRED MIN GROUND STORY HEIGHT : ~11'-0" EXISTING REQUIRED FACADE TYPE: SHOPFRONT





PREVIOU

	MARKET	SQUARE		ARCHITECTS 104 Congress St., STE 203 Portsmouth, NH 03801	PH: 603.501.0202	
	HISTORIC	DISTRIC	COMMISSION	ADMINISI RATIVE APPROVAL	DECEMBER 2022	
		14/ CONCRESS		147 Congress St	Portsmouth, NH 03801	
	Revisions: # Description Date					
		3Y: SNH	BY: RJH	NO.: 202209	11/18/22	12/6/2022 9:35:38 AM
	SCALE:	DRAWN BY:	CHECKED BY:	PROJECT NO.:	DATE:	
USLY APPROVED	TITLE: DDADACED	CONTEXT		7	C	* 2022 Market Square Architects

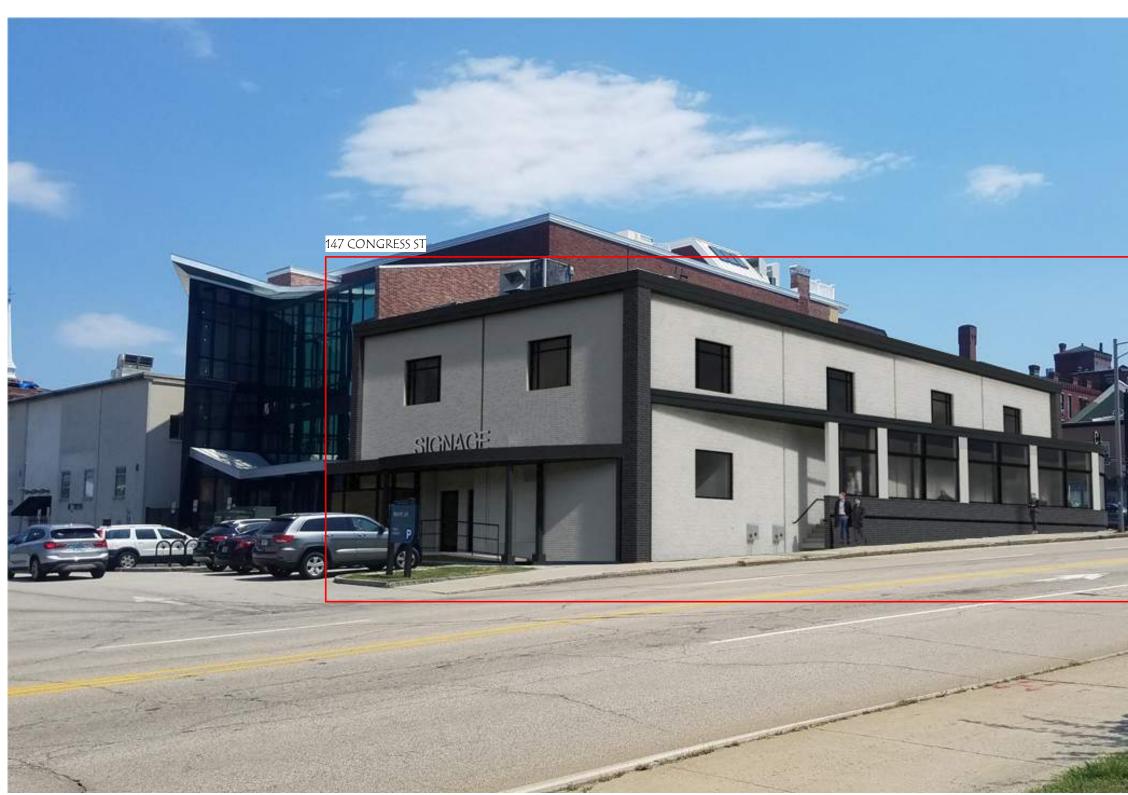


	MARKET		ARCHITECTS 104 Congress St., STE 203 Portsmouth, NH 03801		
	HISTORIC	COMMISSION	ADMINISTRATIVE APPROVAL	DECEMBER 2022	
	147 CONGRESS		147 Congress St	Portsmouth, NH 03801	
	Revisions: # Description Date				-
	SCALE: DRAWN BY: Author	CHECKED BY: Checker	PROJECT NO.: 202209	DATE: 11/18/22	s 12/6/2022 9:35:39 AM
PROPOSED	TITLE: PROPOSED CONTENT		7	`	* 2022 Market Square Architects



PREVIOU

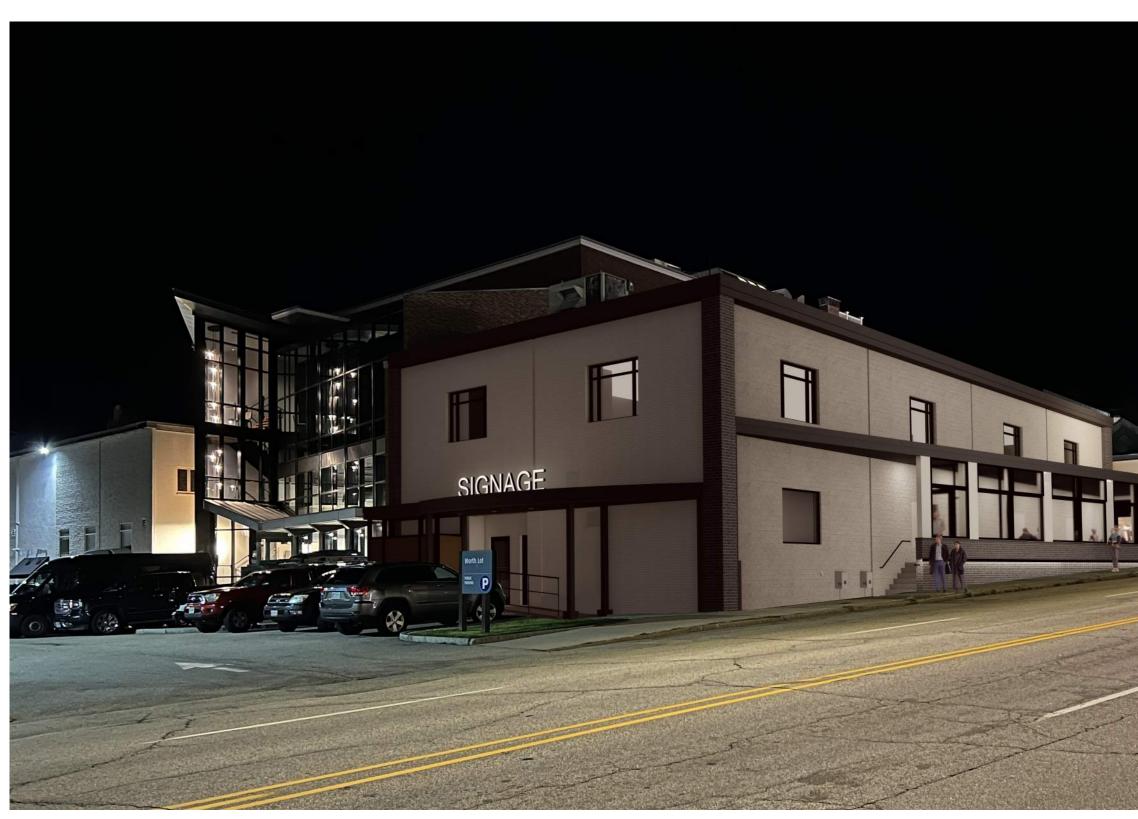
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	HISTORIC DISTRIC	COMMISSION	APMINISTRATIVE APPROVAL	DECEMBER 2022	
	147 CONGRESS		147 Congress St	Portsmouth, NH 03801	
	Revisions # Description Date				
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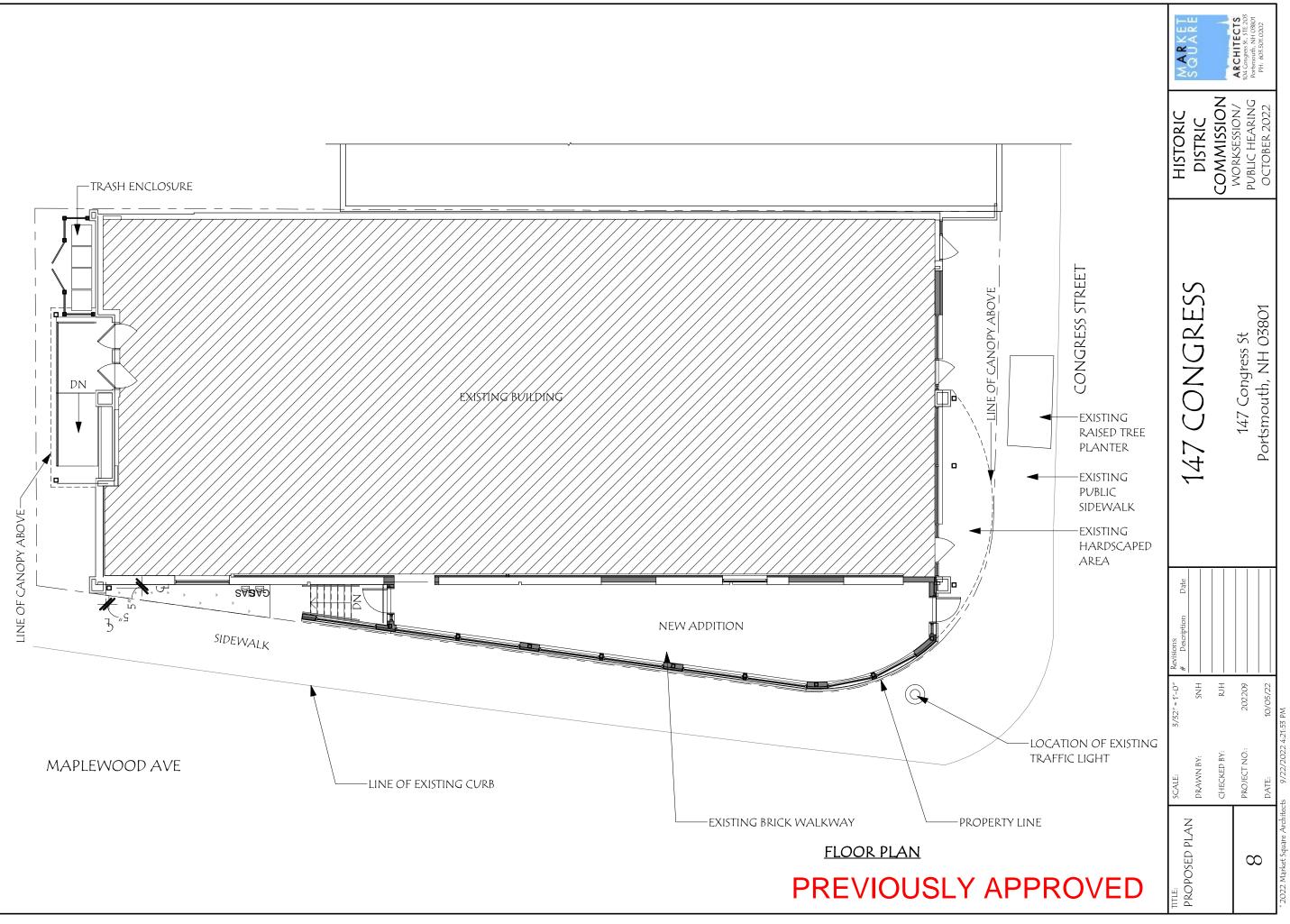
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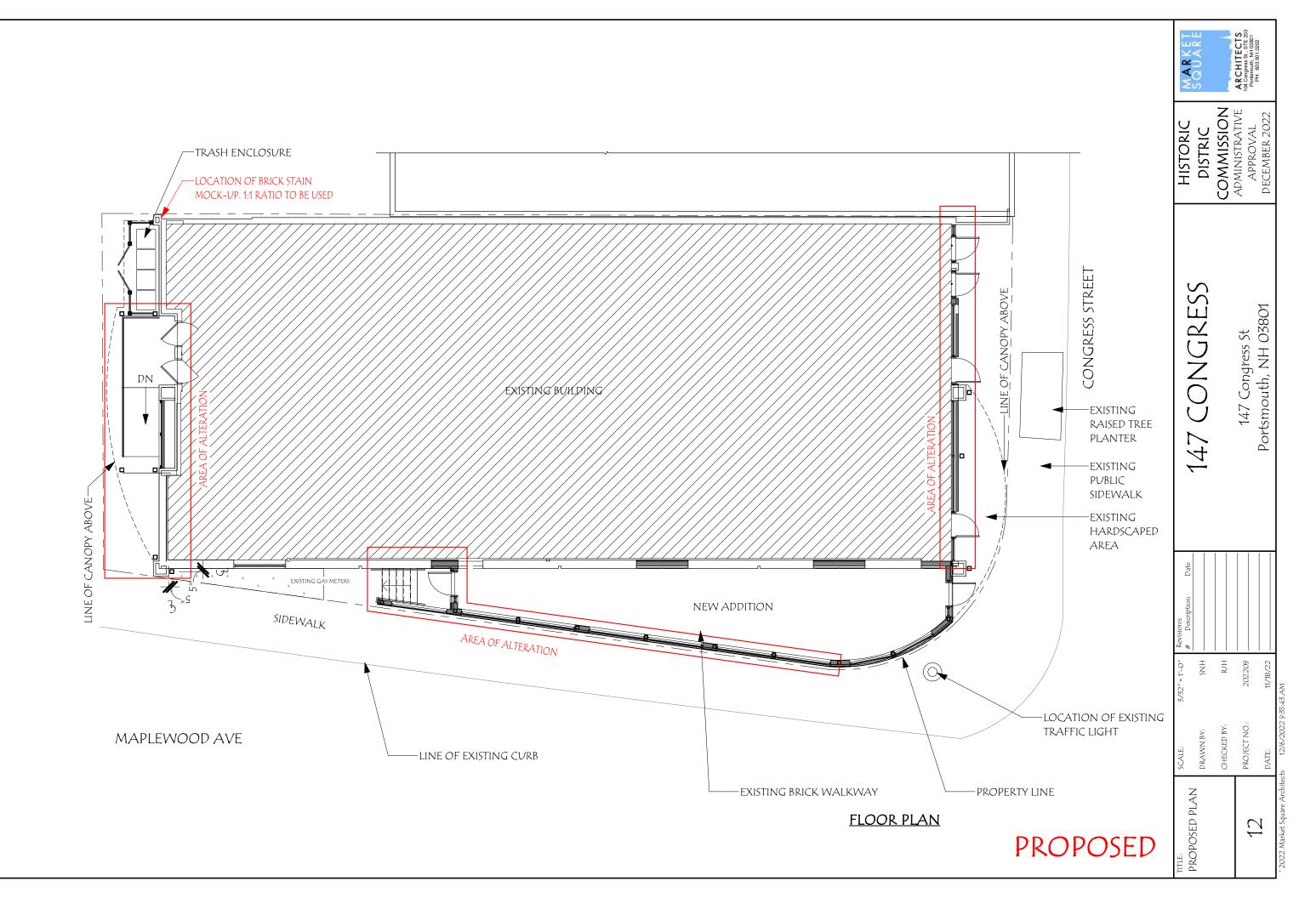


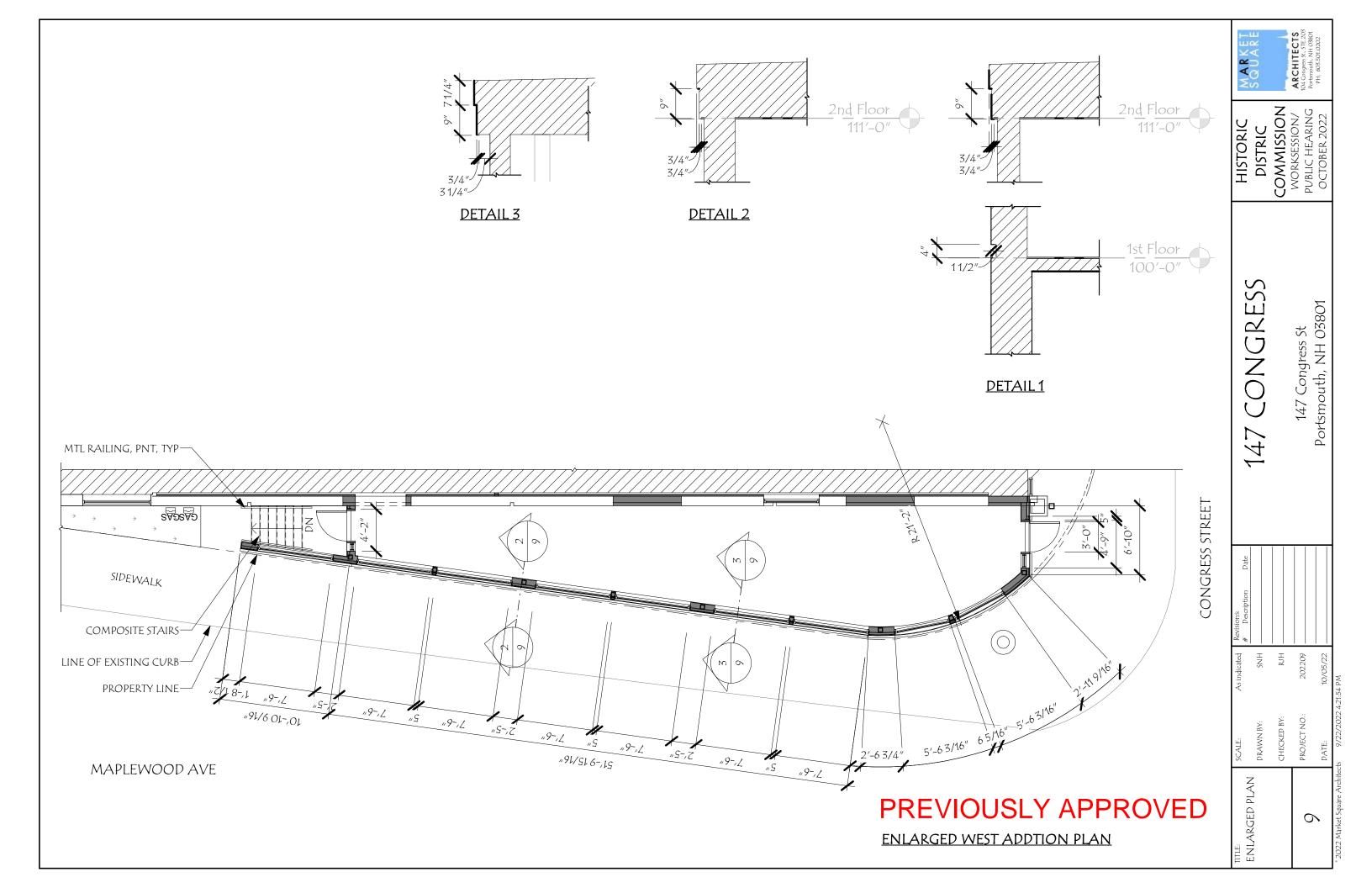
	C MARKET SQUARE		LIVE ARCHITECTS 104 Congress St., STE 203 Portsmouth, NH 03801		
	HISTORIC	COMMISSION	ADMINISTRATI	DECEMBER 2022	
	147 CONGRESS		147 Congress St	Portsmouth, NH 03801	
	Revisions # Description Date				
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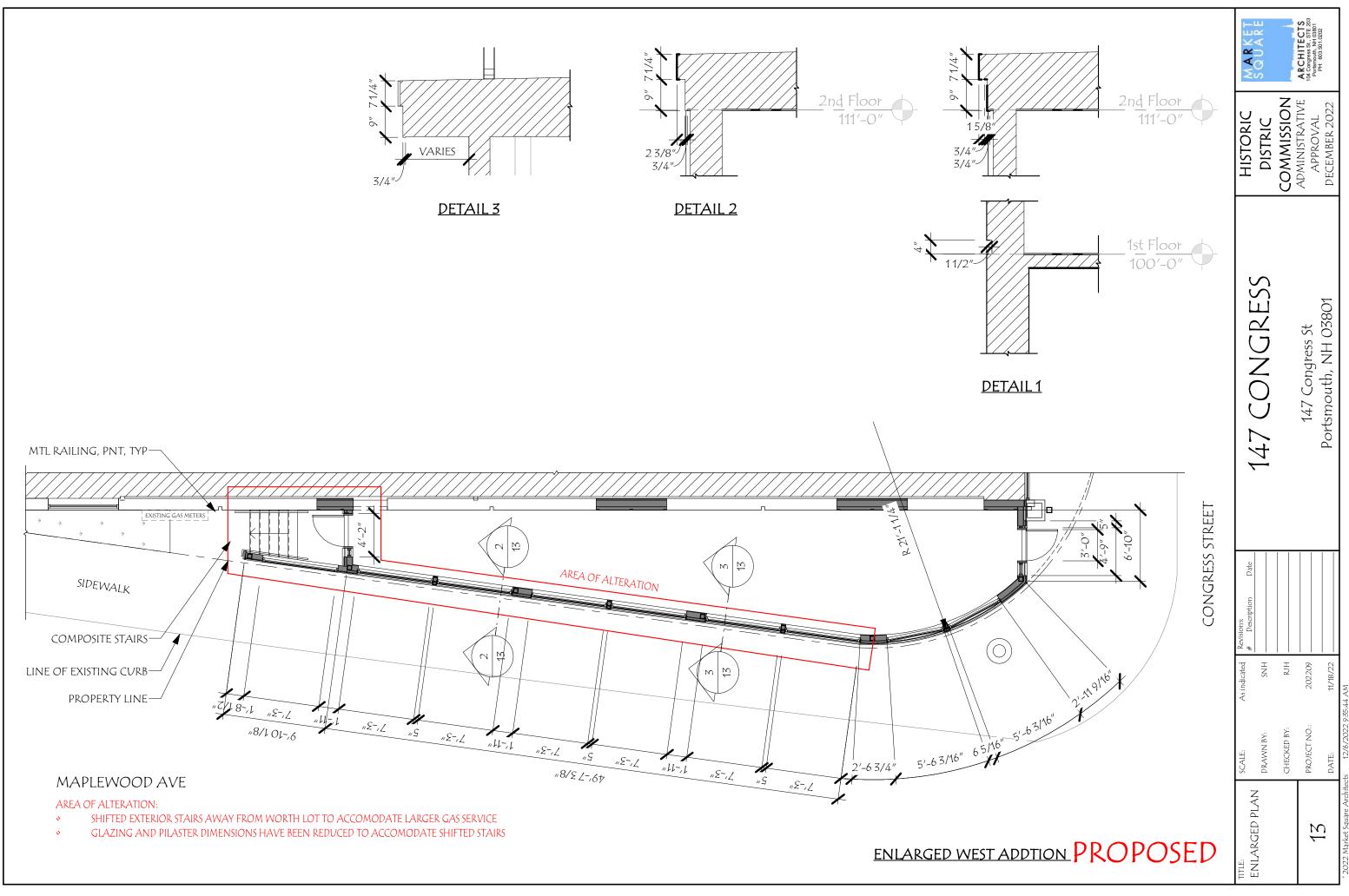


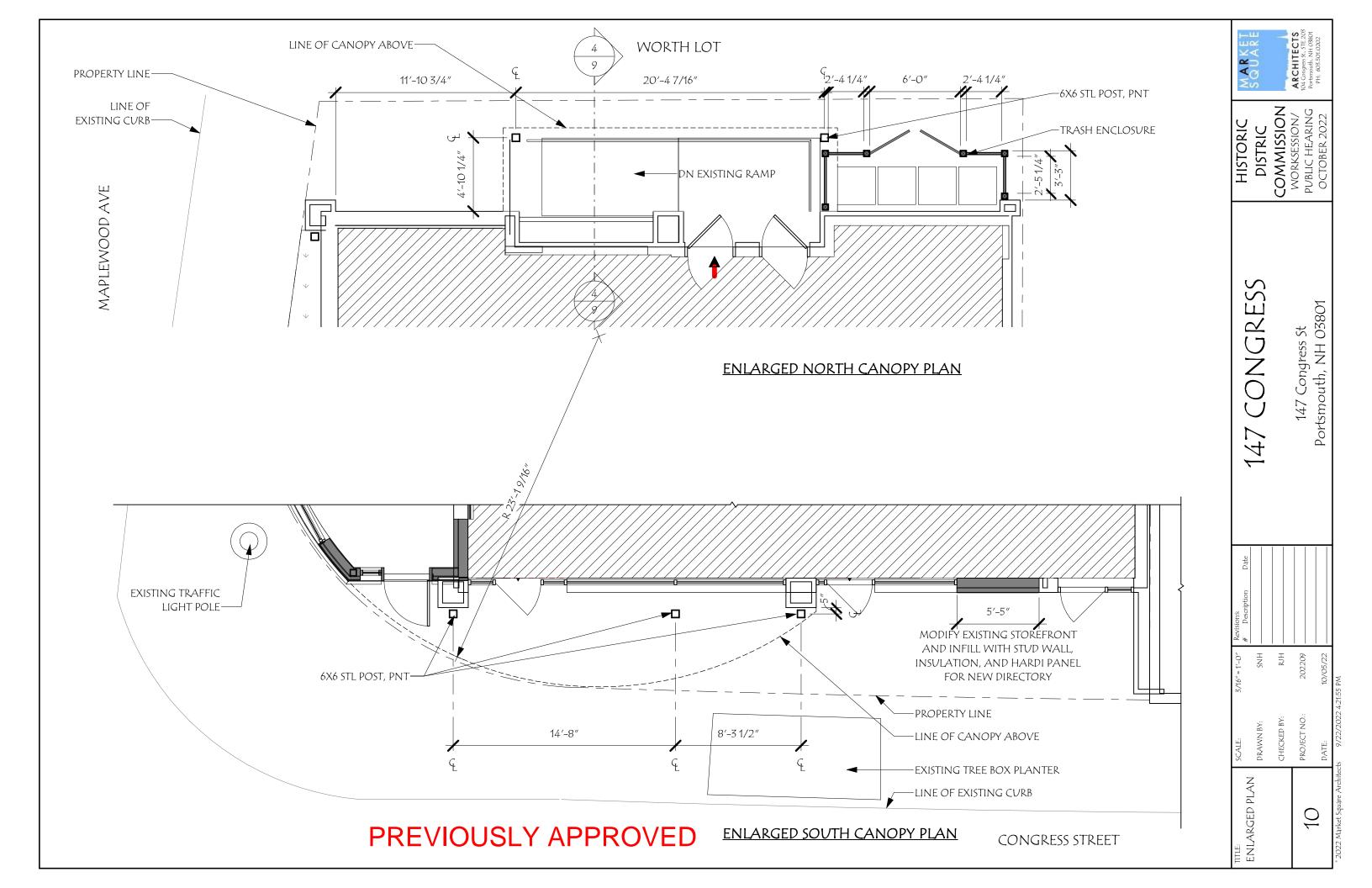
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	HISTORIC	DISTRIC	COMMISSION	ADMINISTRATIVE APPROVAL	DECEMBER 2022	
				147 Congress St	Portsmouth, NH 03801	
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.*		Author	Checker	202209	11/18/22	35:42 AM
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PROPOSED	title: PROPOSED	CONTEXT		77	-	° 2022 Market Square Architects

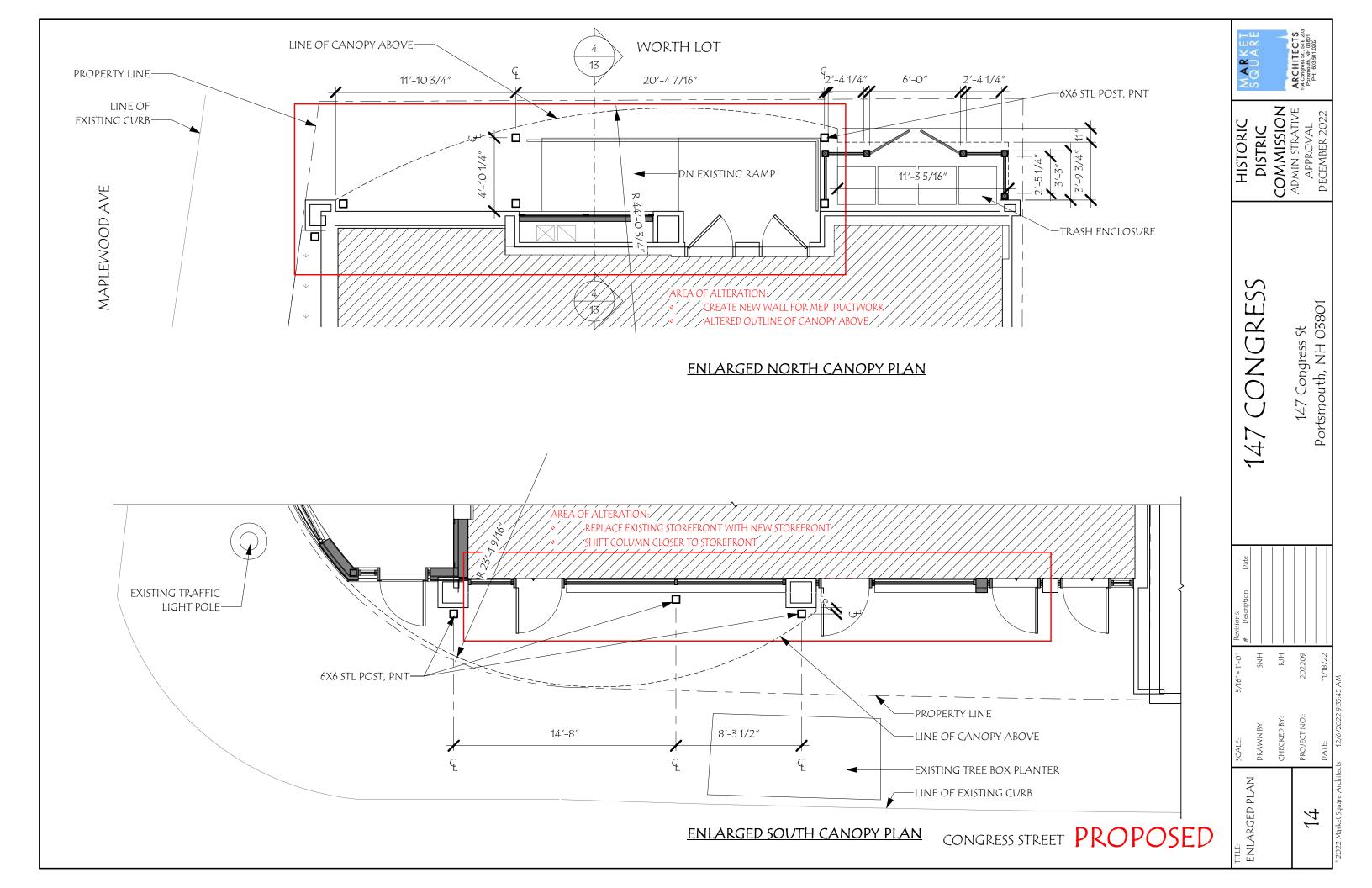


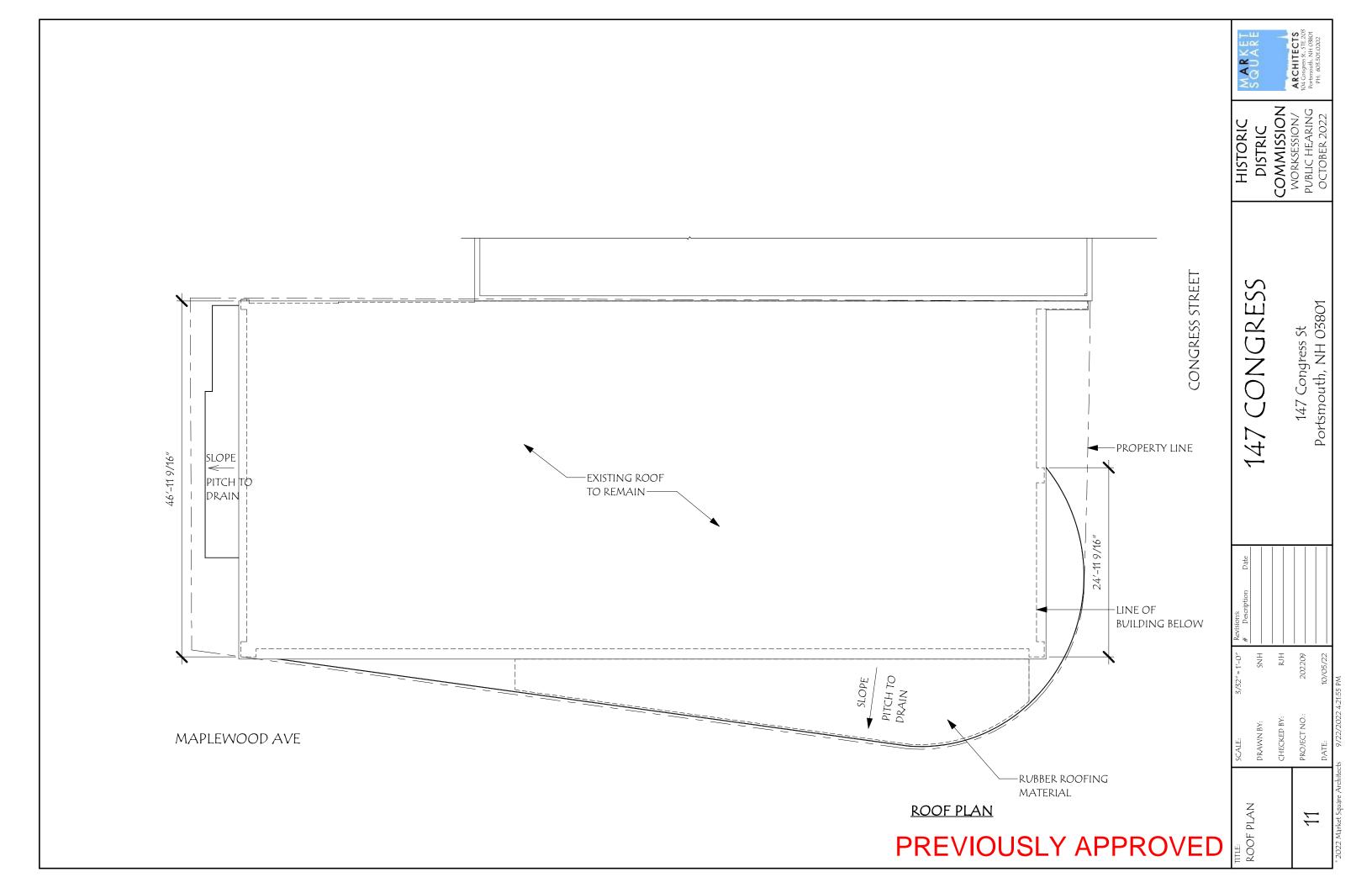


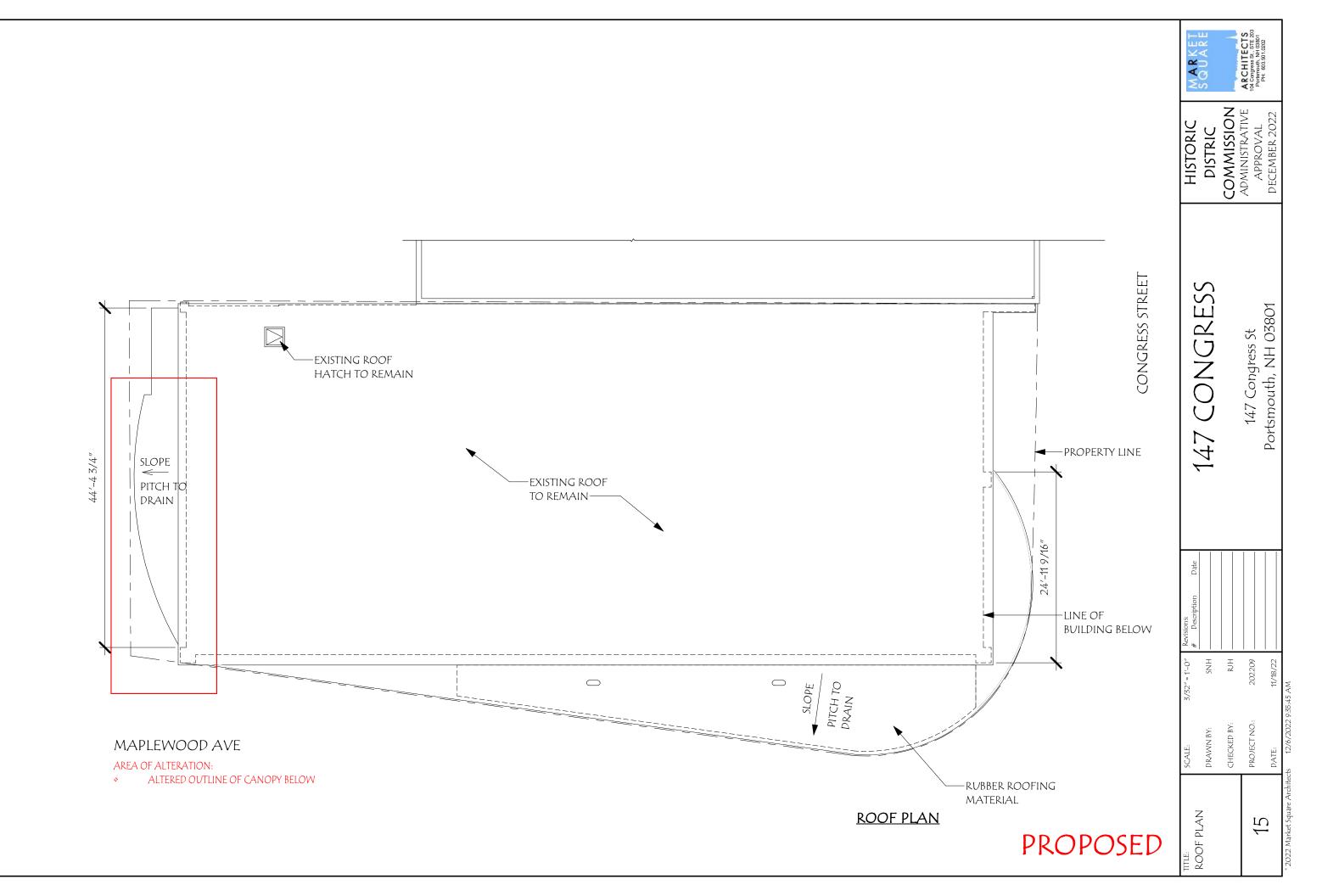


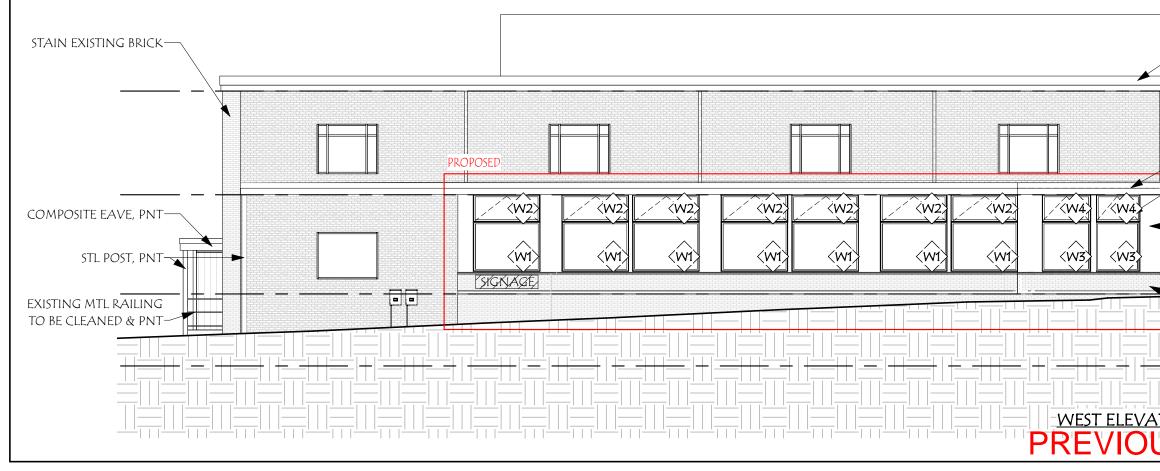












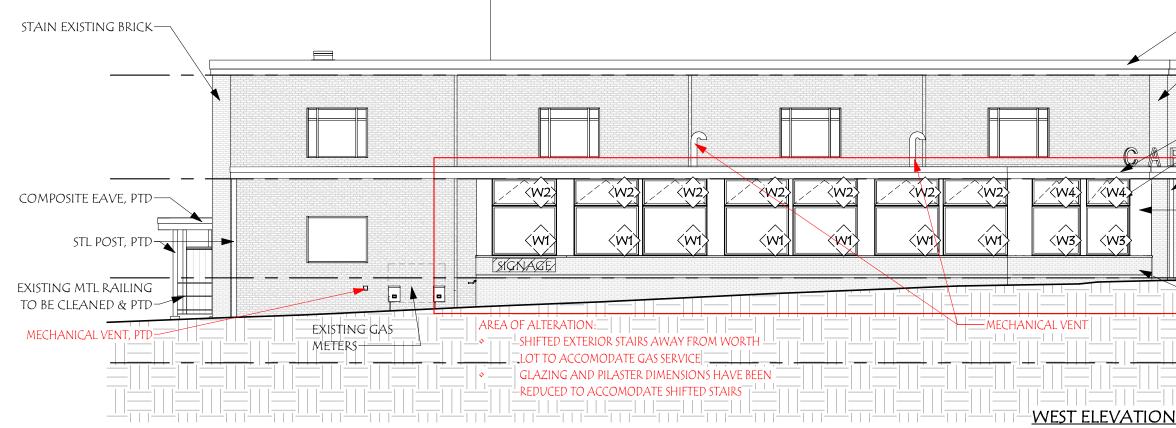
INSPIRATION IMAGES AND MATERIALS



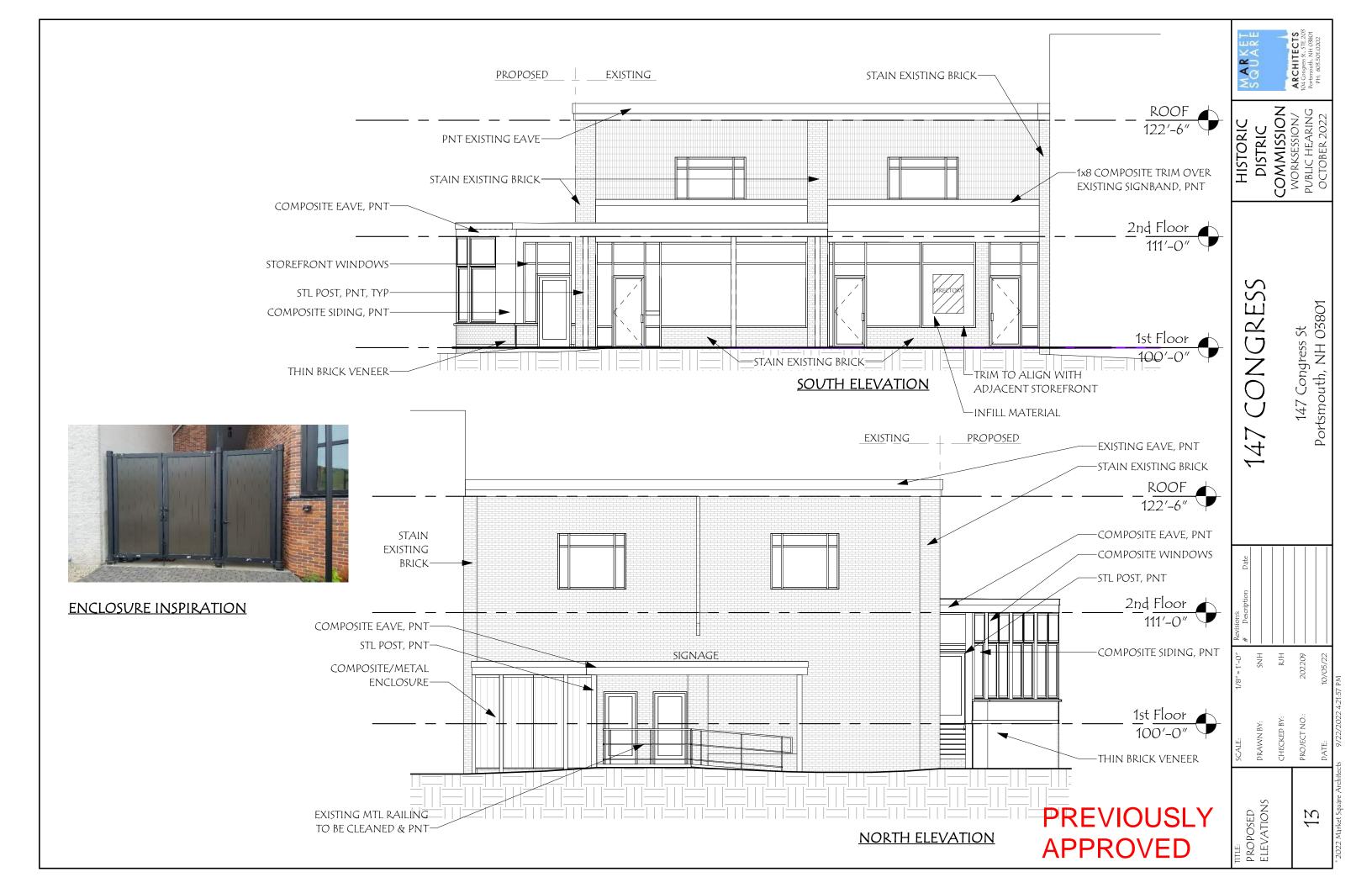


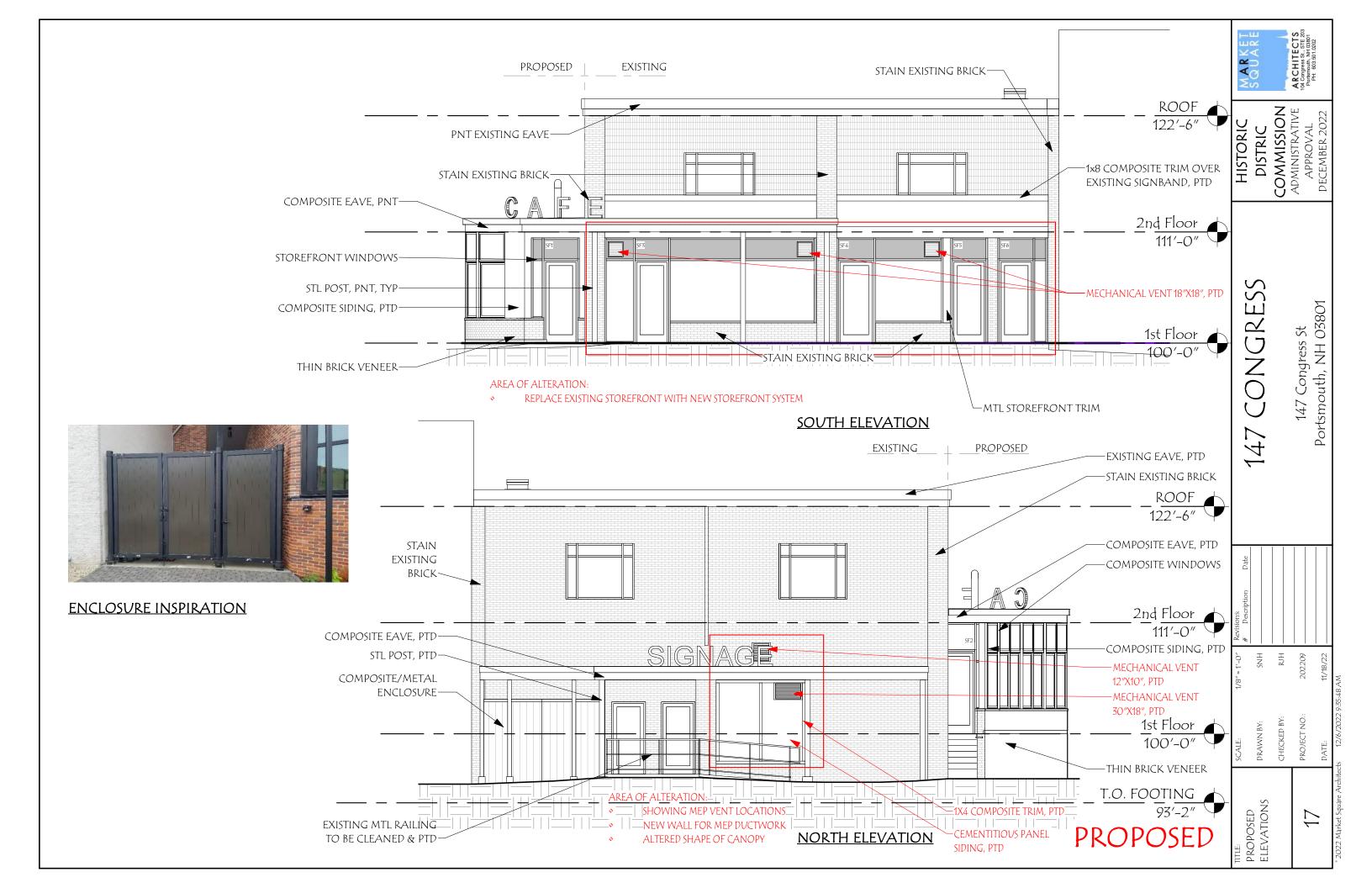


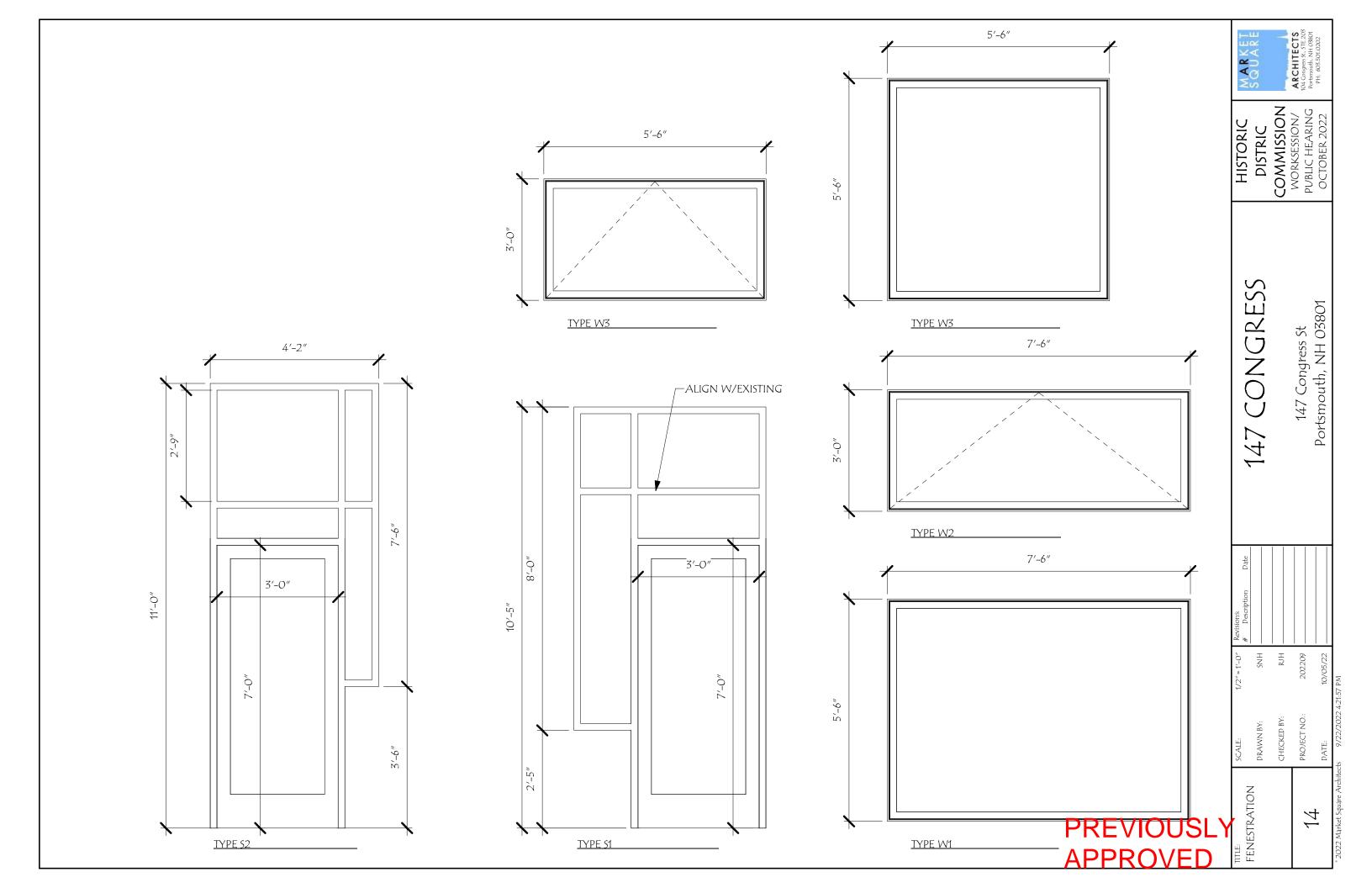
INSPIRATION IMAGES AND MATERIALS

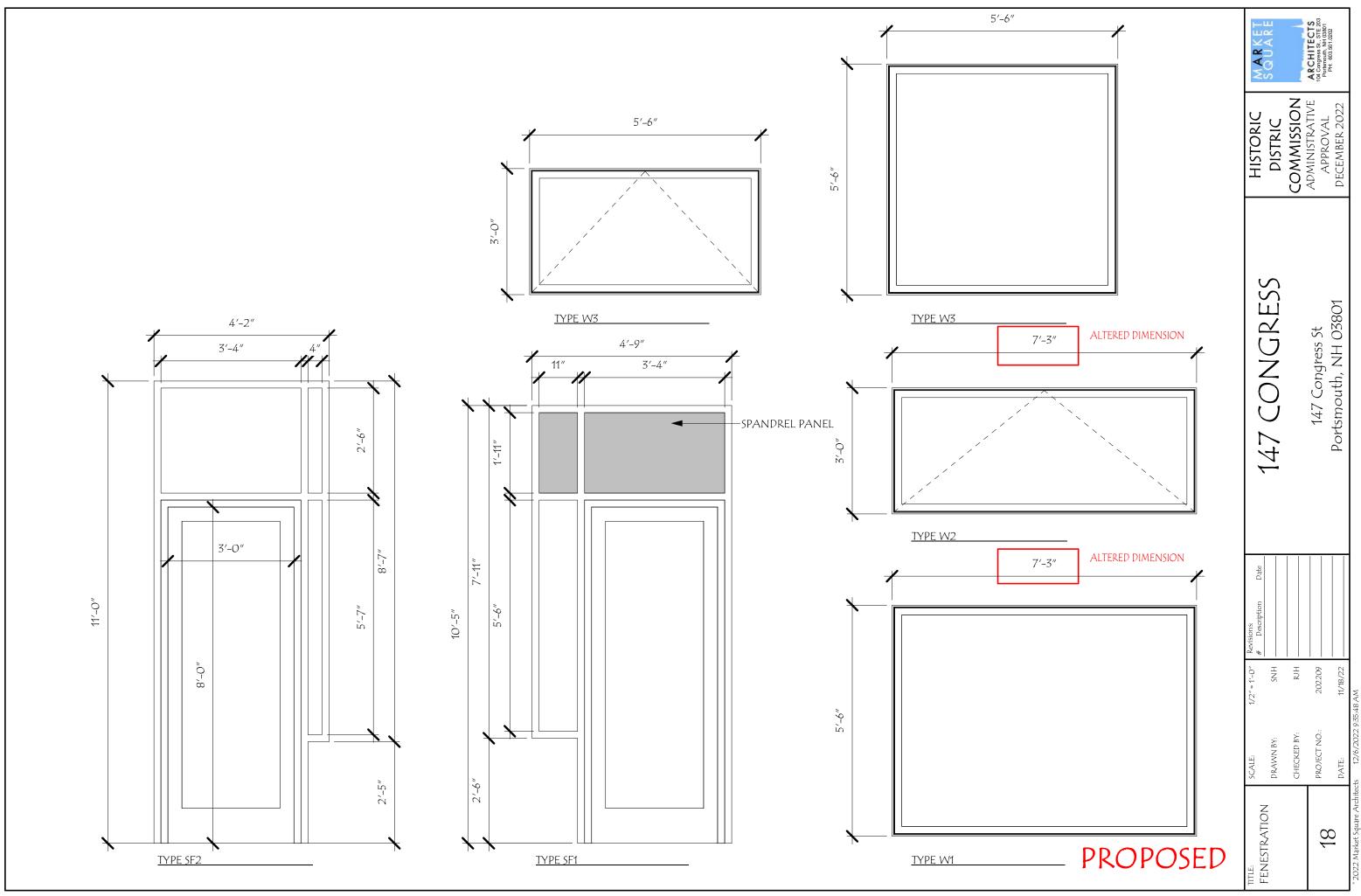


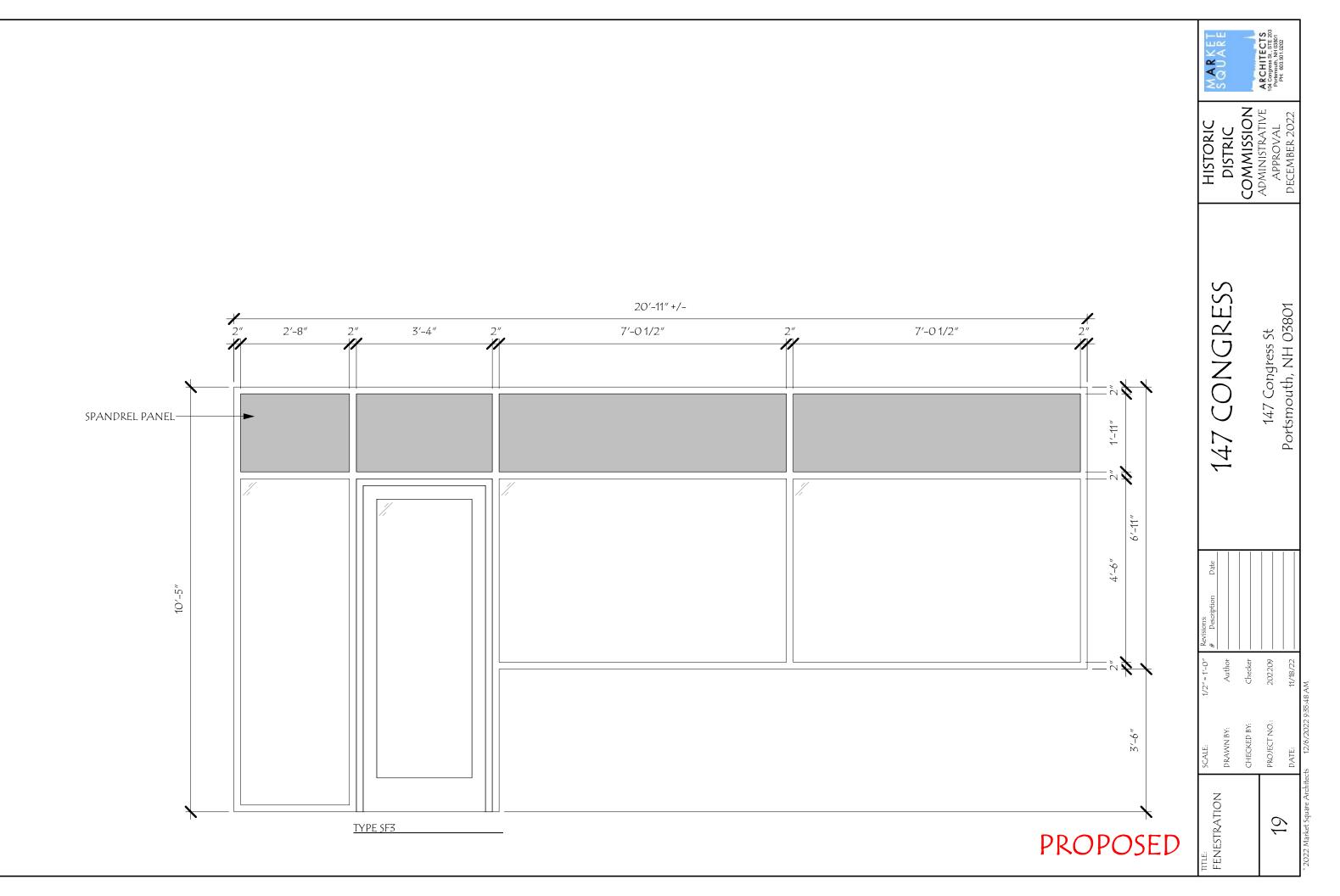


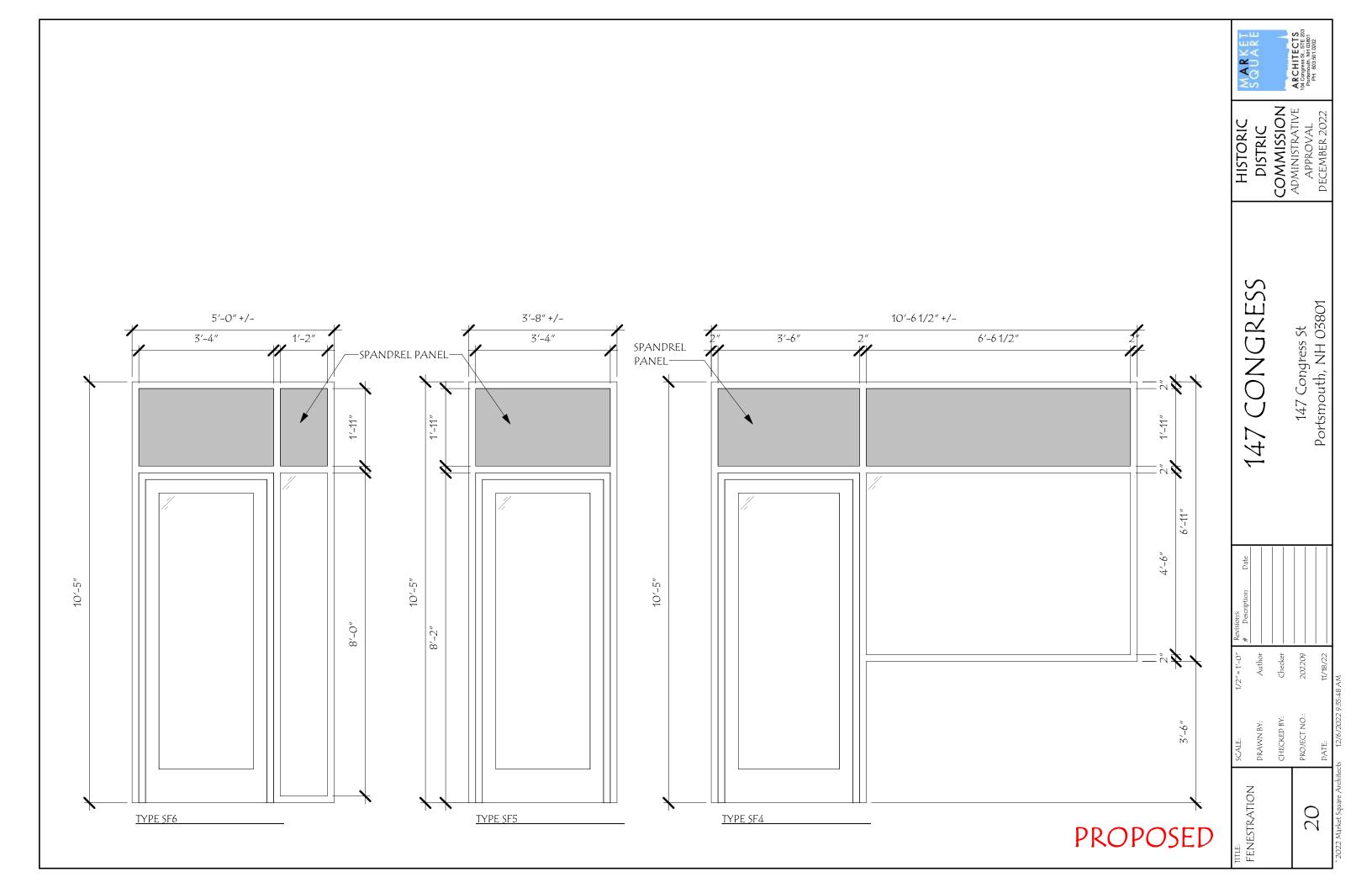














HARDIE® PANEL VERTICAL SIDING SMOOTH

You can't go wrong with this sleek, modern siding. Find the perfect color in our Statement Collection products or Dream Collection products. Or get it primed for paint.

AVAILABLE SIZES

THICKNESS: 0.312"

LENGTH: 120" WIDTHS: 48"



HARDIE® TRIM BOARDS 4/4 SM00TH

This trim's simplicity never goes out of style. In a color from our Statement Collection products or Dream Collection products, it has even more staying power. Also available primed for paint.

AVAILABLE SIZES

THICKNESS:	0.75"	
LENGTH:	144" bo	ards
WIDTHS:	3.5"	5.5"
	7.25"	9.25"
	11.25"	



OR ARCHITECT APPROVED EQUAL



BRICK MATERIAL- FINAL SELECTION TO MATCH STAINED EXISTING BRICK

TECHNICAL DATA SHEET **KEIM RESTAURO® STAIN** SOL-SILICATE PIGMENTED MINERAL STAIN AND GLAZE

PRODUCT DESCRIPTION

Sol-silicate based, non-film forming mineral stain provides a penetrating, low pigment or translucent finish when diluted with RESTAURO Dilution/Thinner. The original look and feel of natural or precast stone and masonry or brick are not filled-in or altered by RESTAURO, except for color tone. It may be used as a solid-color finish (undiluted) or as a transparent stain/glaze when mixed with dilution/thinner. Pigment and opacity level is the result of how much dilution (clear) is added. Stains ranging from mostly opaque to almost clear are possible. It has water repellent properties and fulfills the requirements of DIN 18363 sect. 2.4.1.

FIELD OF APPLICATION

RESTAURO Pigmented Mineral Stain is uniquely formulated for use on interior or exterior new or bare, aged brick, mortar, mortar repairs and natural and precast stone. It should not be applied to existing latex or acrylic painted surfaces. It is used to decorate or add color or to visually conceal color variations in new or old masonry and for blending and minimizing the appearance of repairs. It may also be used to provide a stained appearance on entire stone or brick facades.

RESTAURO Stain can also be applied as an opaque thin-layer finish retaining the natural surface texture and providing a protective water and weather resistant finishes.

Water proofing may be further enhanced by a pretreatment with SILAN-100 Silane Penetrating Water Repellent. The application of DESIGN Stain together with SILAN-100 complies with water protection requirements as per DIN EN 1504-2/2.2.

RESTAURO Stain is less weather resistant on horizontal and slightly inclined surfaces.



KEIM Mineral Coatings of America, Inc. 3935 Perimeter West, Suite 100 riotte, NC 28214 eim.com -866-936-5346 or 704-588-4811 ail: info@keim.con

mineral matte finish.

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Density Weight VOC by AS Vapor Diffu Water Abso Coefficient Lightfastne pigment (FI **BFS** technic 26) Vapor Perm E96) Flashpoint Alkali Resist ASTM D130 Mildew Res ASTM D327 Thermal Exp

Gloss at 85°

All test resu Stain applied at 425-475 sf/gallon





PRODUCT PROPERTIES

- **RESTAURO** Stain protects masonry from the action of weather and prevents the penetration of atmospheric pollutants. Surface textures are fully retained and never "filled-in". It provides a natural
 - Sol-silicate penetrates and forms
 - permanent chemical bonds—won't peel or lose adhesion
 - ight fast, color will not fade
 - Extremely vapor permeable—masonry emains dryer
 - Neather and moisture resistant
 - Not affected by pollution or acid rain Darkens when wet—repairs blend into natural masonry wet or dry

Technical data

	1.1-1.3 g/cm ³
	10.1 lbs/gal
TM D6886	< 1 g/liter
ision	sd (H2O) = <0.02 m
orption (DIN EN 1504)	W=0.20 kg/m2 h 0.5
ss of color	A1 Best in class
b-Code acc. to	rating No color
al bulletin No.	change after 4 years
neability (ASTM	75-85 Perms
	Non-Flammable
ance 8	Passes
istance 3/D3274	Passes
oansion	Comparable to the concrete substrate
9	2.0 Mineral Matte
	Flat

PREVIOUSLY APPROVED

ΠΠLE: RPODI <i>LIC</i> T SHEET	SCALE:	Revisions: # Description Date		HISTORIC	MARKET
	DRAWN BY: Author	hor		DISTRIC	SQUARE
	CHECKED BY: Checker	ker		COMMISSION	
てて	PROJECT NO.: 202209	60	147 Congress St	administrative Approval	ARCHITECTS 104 Congress St., STE 203 Portsmouth, NH 03801
77	DATE: 11/18/22	22	Portsmouth, NH 03801	DECEMBER 2022	PH: 603.501.0202
* COC * COC/ 9/ C * Contracts Architects	+- 11/1/1/10 CC/1/1/1 3+				

8-Inch Intake & Exhaust Roof Vent – RG8-IE

Our 8-inch flat roof vent for exhaust and intake terminations are designed for use on flat and low slope roofs. View product videos, CAD files, and install instructions below to learn more about our superior flat roof vents. For quantities greater than 25 units please contact us for bulk discounts.

Items Included

- 8 Inch GooseNeck With Built-In Removable Damper Door
- B Inch Removable Bug Cap With Stainless Steel Screen
- 8 Inch RoofGoose Sleeve 27 Inches Tall
- 8 Inch RoofGoose Rain Collar
- 8 inch RoofGoose Vertical Riser Clamp
- 8 Inch Stainless Steel Hose Clamp Pre Laced on Sleeve Base

MECHANICAL GOOSENECK VENTS, PAINTED TO MATCH BUILDING SURFACE



2-SRF 2" Flanged Frame Louver

MECHANICAL LOUVER VENTS, VARIOUS SIZES, PAINTED TO MATCH INSTALLATION SURFACE



6X6 EXHAUST VENT CAP, PAINTED TO MATCH INSTALLATION SURFACE

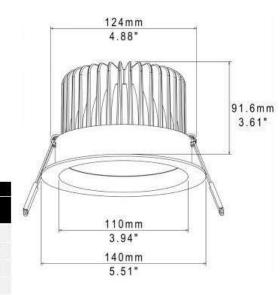






LUNA 4

	1		1 Light Sources			
i. I					t source vnlight	
Performance Optio	ns	9W	3	13W	18W	26W
Source Lumens		1199 lm	1	1627 lm	2056 lm	2855 lm
Delivered Lumens		893 lm	1	1191 lm	1965 lm	2823 lm
Lumens / Watt		99 Im	1	92 lm	109 lm	109 im
Current		250 mA	1	350 mA	500 mA	700 mA
CRI/CCT Multiplier	2700°	к	3000	°κ	3500°K	4000°K
80 CRI	0.93		1.00		1.00	1.07
95 CRI	0.69		0.75		0.81	0.87



147 Congress

N/A

N/A

Project

Туре

Contact

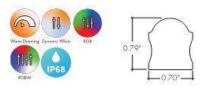
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RECESSED CAN LIGHT AT CANOPY

Kendo M Graze Wet Dynamic Color Linear Illumination System



wet locations, fixtures made to order up to 116". Fixtures can be linked up to 30' depending on output Suitable for undercabinet, millwork recessed, and surface mount applications . RGB options offer balanced Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors.



Finish Options Silver anodized Bronze powder coated

Technical Information

TYPE	Warm Dim	Dynamic White		RGBW		RGB	
OUTPUT OPTIONS	WD685O (19K-27K)	DW525O (19K-27K)	DW525O (22K-30K)	RGBW365O	RGBW36HO	RGB42SO	RGB42HO
Lumens Output (al channels full an)	197 lm/ft	118 lm/ft	149 lm/ft	120 lm/ft	199 lm/ft	119 lm/ft	175 lm/ft
Average Power Consumption	4.8 W/ft	4.3 W/h	4.3 W/ft	4.0 W/H	7.6 W/H	4.5 W/H	8.3 W/ft
Efficacy	41 lm/W	27 lm/W	35 lm/W	30 lm/W	26 lm/W	26 lm/W	21 lm/W
Max Run Length	10 ft	30 ft	30 ft	26 ft	13 fi	28 ft	13 ft
Control/Dimming Protocol	MLV, ELV, Inc.	0-10	V, DMX		DA	ΛX	

Plexineon Recessed Mount RGB, RGBW and RGBW Pixel • For interior and exterior accent lighting. • Neon look providing a crisp, clear line of light visible for miles

- · Mounting Clips are included in the appropriate quantities
- Operating Temperature: 40° F to 140° F (40° C to 60° C) 24VDC Class 2

5 year warranty indoor, 3 year warranty outdoor

• IK10 and 3G rated • Wet Rated





Technical Information

MODEL	Plexineon RGB	Plexineon RGBW	Plexineon Pixel RGBW		
OUTPUT OPTIONS	so				
Lumens Output [o] channels full on]	72 lm/ft	84 lm/ft	84 lm/ft		
Average Power Consumption (for a 4' section)	4.1 W/fr	4.9 W/ft	5.7 W/ft		
Efficacy	17.5 lm/W	17.1 lm/W	14.7 lm/W		
Cut Increment	1.97*	3.94*	3.94*		
Max Run Length [in series]	32 fr	20 ft	16 ft		
SPI Protocol	N/A	N/A	UCS 2904		
DMX Addresses Occupied	N/A	N/A	4-channels per pixe		

144	1.12	TM-30				
Model		CRI	RF	Rg	Rg	
R	3BW	85	84	98	22	
RGBW-PXSPI		8.5	84	98	22	
	Do	minant	Waveler	gth		
	Color	minant	Waveler RGB	-	-	
	-	minant			-	
	Color	minant	RGB	1	-	

RECESSED LIGHT AT BRICK REVEAL





LIGHT INSTALLATION



EXAMPLE OF RECESSED LIGHT AT BRICK REVAL INSTALLATION

- Warm Dim follows the incandescent dimming curve and is compatible with MLV, ELV, and Incandescent dimmers. Dynamic White allows individual

Uluminii

- control of CCT and output output across the color gamut and a true white with RGBW
- 3 year warranty



Black powder coated White powder coated

PROPOSED



9. 1 Walton Alley - Recommended Approval

<u>Background</u>: The applicant is seeking approval for changes to a previously approved design. <u>Staff Comment</u>: Recommended Approval

Stipulations:

1.	
2.	
3.	



LUHD-561

Historic District Commission Work Session or Administrative Approval Application

Status: Active	Date Created: Dec 9, 2022
Applicant	Primary Location
Richard Desjardins richard@mchenryarchitecture.com	1 WALTON ALY Portsmouth, NH 03801
4 Market Street Portsmouth. NH 03801	Owner:
603-430-0274	WOODS JAMES WILLIAM & MEINARDI ANNA ROELINE 1 WALTON ALY PORTSMOUTH, NH 03801

Application Type

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

Alternative Project Address

Project Information

Brief Description of Proposed Work

PROPOSED ALTERATIONS TO THE WORK:

- REDUCTION IN ADDITION FOOTPRINT
- 1. CHANGED FROM 8'-0" x 14'-0" to 8'-6" x 12'-10"
- REMOVE EXISTING REAR ENTRY DOOR AND REPLACE WITH A WINDOW TO MATCH THE EXISTING ADJACENT WINDOWS
- REAR ADDITION IS NOW INSET FROM THE SOUTH ELEVATION BY 6" FOR CONTRACTIBILITY WITH FOUNDATION AND EXISTING WINDOWS
- ADD REAR ENTRY POINT DIRECTLY INTO MUD ROOM AT ADDITION
- ATTIC GABLE END DOUBLE-HUNG WINDOW TO BE REPLACED WITH WOOD GREEN MOUNTAIN CASEMENT WINDOW TO APPEAR AS A DOUBLE HUNG FOR EGRESS PURPOSES. WINDOW TO HAVE SIMILAR PROPORTIONS AS EXISTING WINDOW.

Description of Proposed Work (Planning Staff)

--

Project Representatives

Relationship to Project Architect If you selected "Other", please state relationship to project.	
Full Name (First and Last)	Business Name (if applicable)
Mark Gianniny	McHenry Architecture
Mailing Address (Street)	City/Town
4 Market Street	Portsmouth
State	Zip Code
NH	03801
Phone	Email Address
6034300274	mark@mchenryarchitecture.com

WALTON ALLEY ADDITION

HISTORIC DISTRICT COMMISSION ADMINISTRATIVE APPROVAL - DECEMBER 2022, PORTSMOUTH, NEW HAMPSHIRE

GENERAL PROJECT DESCRIPTION:

PROPOSED ALTERATIONS TO THE WORK:

- **REDUCTION IN ADDITION FOOTPRINT**
- CHANGED FROM 8'-0" X 14'-0" TO 8'-6" X 12'-10" REMOVE EXISTING REAR ENTRY DOOR AND REPLACE WITH A WINDOW TO MATCH THE EXISTING ADJACENT WINDOWS
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103/27



COVER

NOTE: SITE PLAN ABOVE HAS NOT BEEN UPDATED FOR THIS SUBMISSION. THIS DRAWINGS IS FOR CONTEXT ONLY

WALTON ALLEY ADDITION

HISTORIC DISTRICT COMMISSION ADMINISTRATIVE APPROVAL - DECEMBER 14TH, 2022

1 WALTON ALLEY PORTSMOUTH, NH 03801

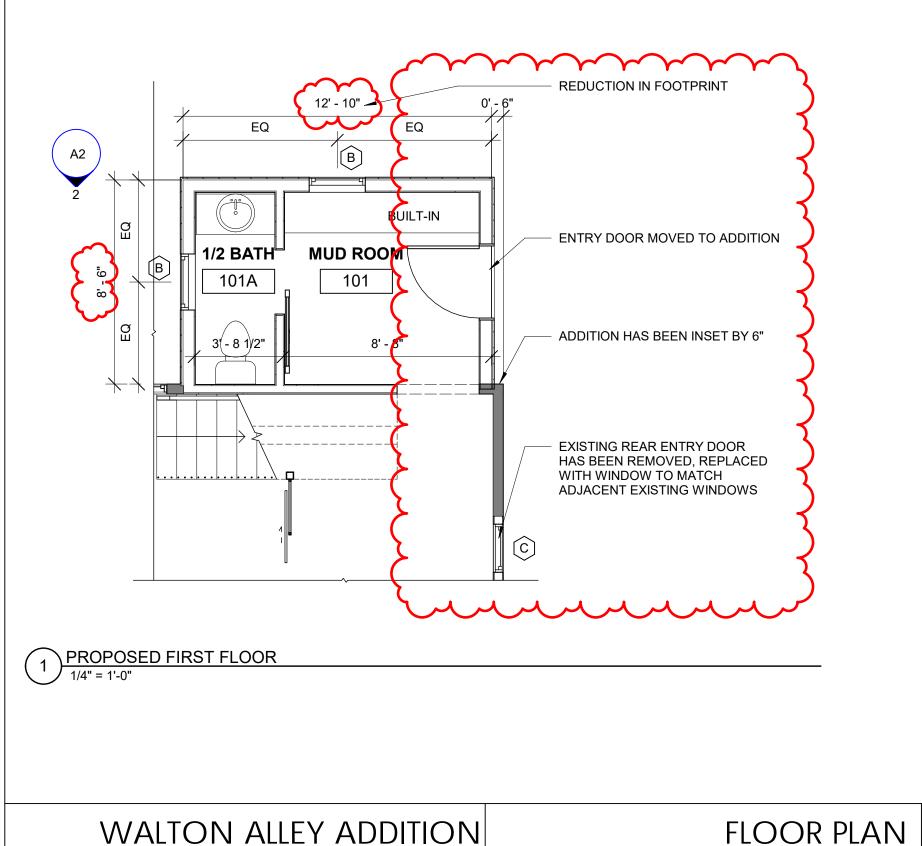
McHENRY ARCHITECTURE С 4 Market Street Portsmouth, New Hampshire

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12/09/2022 McHA: RD / MG NOT TO SCALE



McHENRY ARCHITECTURE

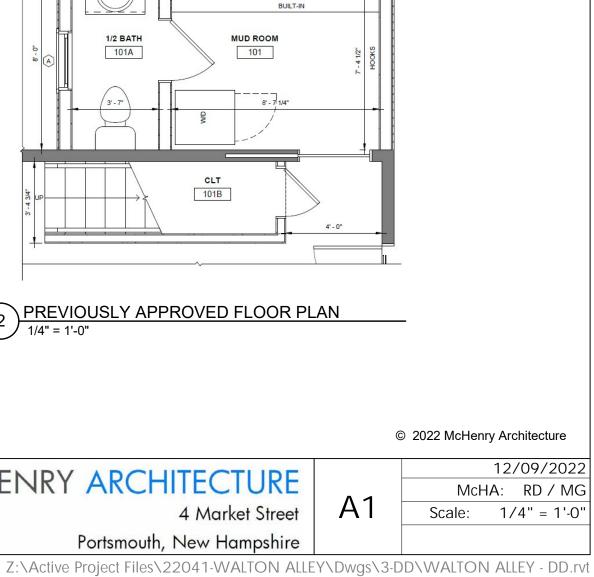
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HISTORIC DISTRICT COMMISSION ADMINISTRATIVE APPROVAL - DECEMBER 14TH, 2022

WALTON ALLEY ADDITION

1 WALTON ALLEY PORTSMOUTH, NH 03801

1/2 BATH 101A



2 A10

14' - 0"

A



PREVIOUSLY APPROVED RENDERINGS

