

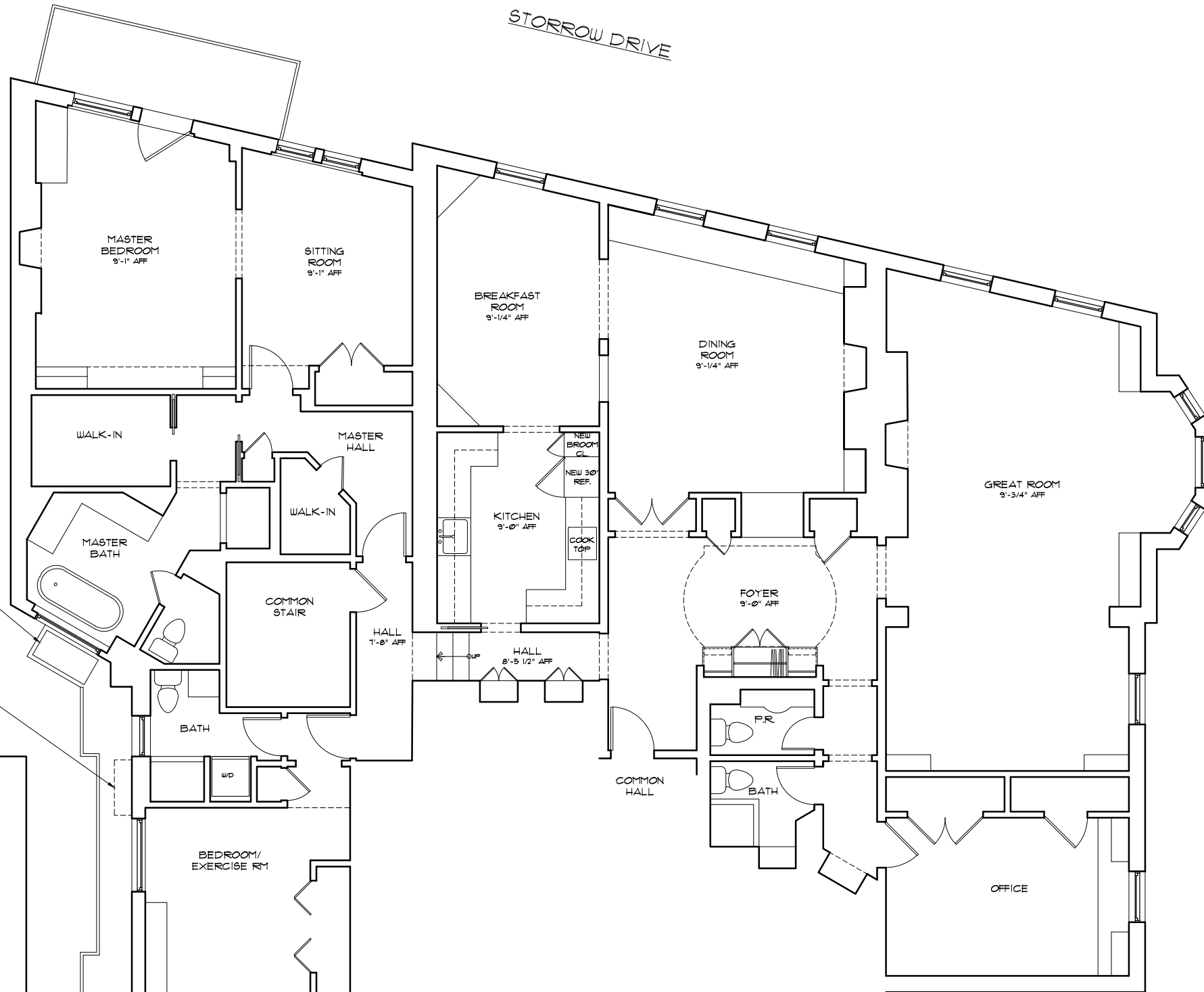
STORROW DRIVE

PINCKNEY STREET

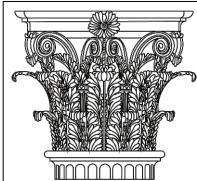
EXISTING HVAC BELONGING TO ADJACENT UNIT ON THIRD FLOOR OF 112 PINCKNEY STREET

PROPOSED NEW WALL-HUNG MITSUBISHI HVAC COMPRESSOR FOR 112 PINCKNEY STREET UNIT 31 (52-11/16" x 41-11/32" x 13")

ADJACENT BUILDING



1 PROPOSED FLOOR PLAN
FULL: 1/4" = 1'-0", HALF: 1/8" = 1'-0"



PAULI & URIBE ARCHITECTS LLC

Classic Architecture Interior Design
121 Mount Vernon Street
Boston, Massachusetts, 02108
617 227 0954 • www.pauli-uribe.com

112 PINCKNEY STREET

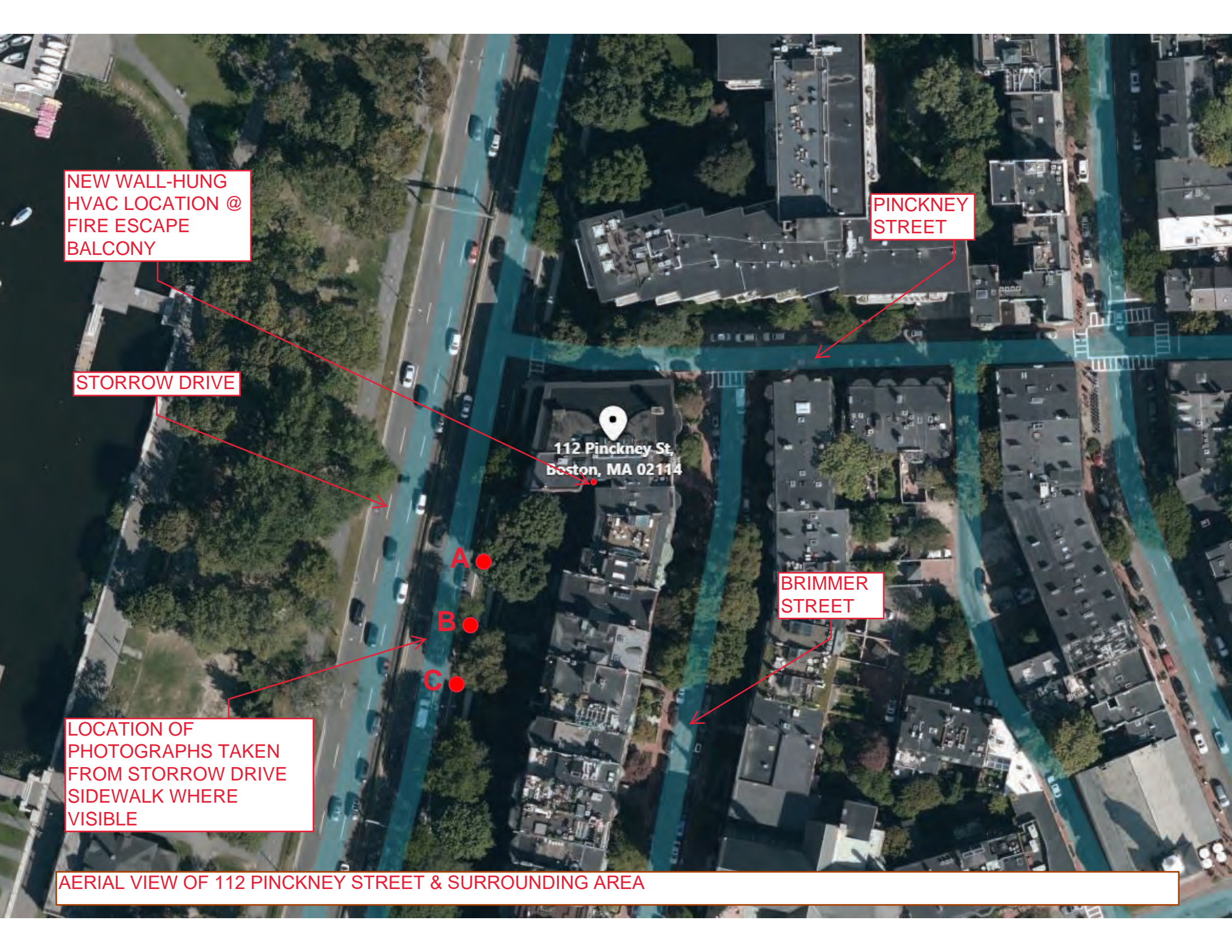
UNIT 31, BOSTON, MA 02114

SHEET TITLE:
PROPOSED FLOOR PLAN

DATE: MAY 13, 2021
SCALE: AS NOTED
DRAWN: JGUR & RJP
CHECKED: JGUR & MZF

SHEET NO.

A-1



NEW WALL-HUNG
HVAC LOCATION @
FIRE ESCAPE
BALCONY

PINCKNEY
STREET

STORROW DRIVE

112 Pinckney St
Boston, MA 02114

BRIMMER
STREET


A ●

B ●

C ●

LOCATION OF
PHOTOGRAPHS TAKEN
FROM STORROW DRIVE
SIDEWALK WHERE
VISIBLE

AERIAL VIEW OF 112 PINCKNEY STREET & SURROUNDING AREA



PROPOSED LOCATION
SHOWN AS ORANGE
RECTANGLE.

[PHOTO LOCATION A] VIA STORROW DRIVE SIDEWALK



PROPOSED LOCATION
SHOWN AS ORANGE
RECTANGLE.

[PHOTO LOCATION B] VIA STORROW DRIVE SIDEWALK



PROPOSED LOCATION
SHOWN AS ORANGE
RECTANGLE.

[PHOTO LOCATION C] VIA STORROW DRIVE SIDEWALK

EXISTING HVAC
BELONGING TO
ADJACENT UNIT ON
THIRD FLOOR OF 112
PINCKNEY STREET

PROPOSED HVAC UNIT
FOR 112 PINCKNEY
STREET, UNIT 31

EXISTING HVAC
BELONGING TO
ADJACENT UNIT ON
SECOND FLOOR OF 112
PINCKNEY STREET

VIEW OF PROPOSED LOCATION VIA 112 PINCKNEY ST UNIT 31 FIRE ESCAPE BALCONY



VIEW OF PROPOSED LOCATION VIA 112 PINCKNEY ST UNIT 31 FIRE ESCAPE BALCONY



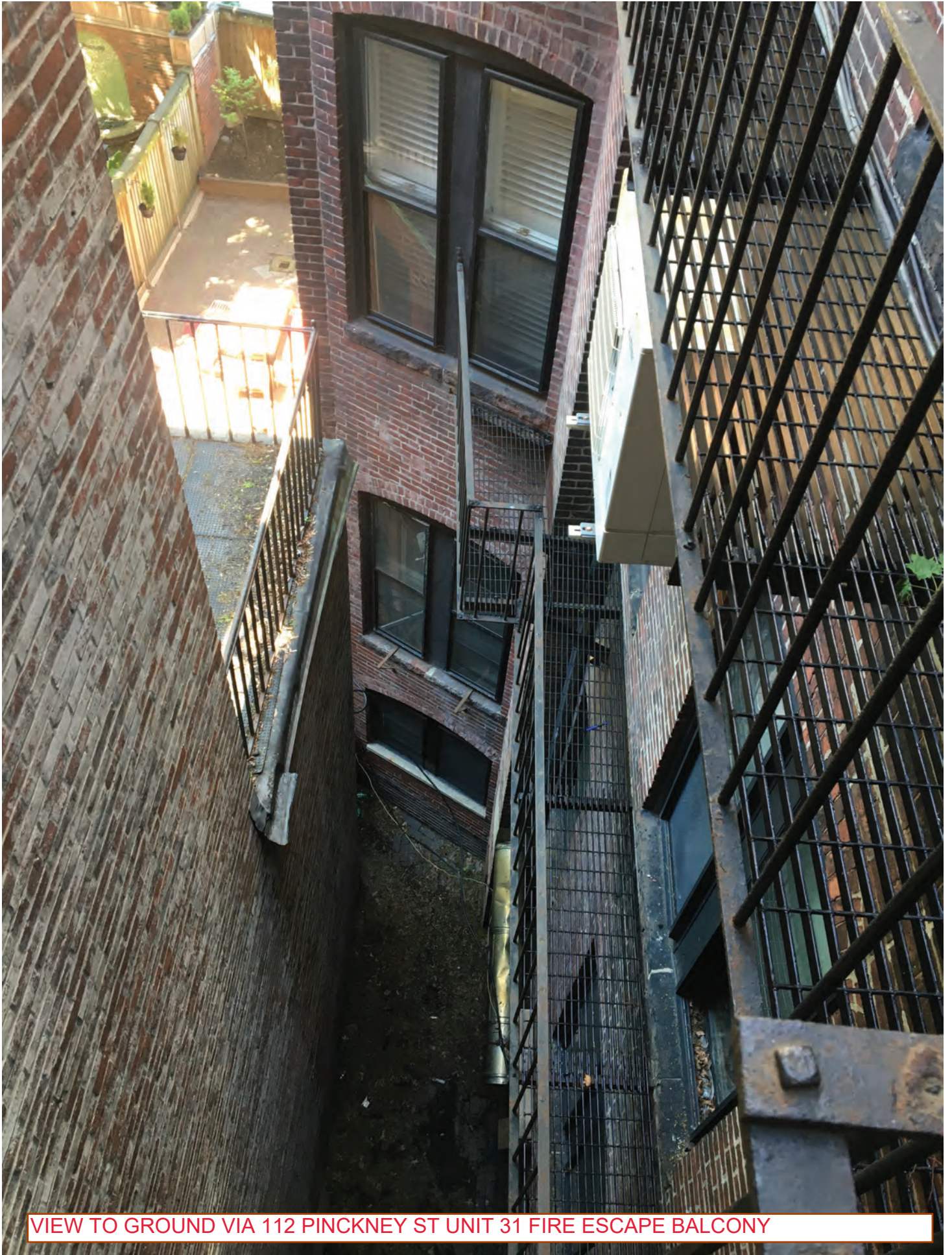
VIEW OF PROPOSED LOCATION VIA 112 PINCKNEY ST UNIT 31 FIRE ESCAPE BALCONY



VIEW OF PROPOSED LOCATION VIA 112 PINCKNEY ST UNIT 31 FIRE ESCAPE BALCONY



VIEW OF EXISTING HVAC UNIT BELOW 112 PINCKNEY ST UNIT 31 FIRE ESCAPE BALCONY



VIEW TO GROUND VIA 112 PINCKNEY ST UNIT 31 FIRE ESCAPE BALCONY



VIEW OF GROUND FROM 112 PINCKNEY ST UNIT 31 FIRE ESCAPE BALCONY

Heat Pump S-Series



Type(Btu/h)	36,000	48,000	60,000
Model Name	PUMY-P36NKMU3 (-BS)	PUMY-P48NKMU3 (-BS)	PUMY-P60NKMU3 (-BS)



Type(Btu/h)	36,000	48,000
Model Name	PUMY-HP36NKMU1	PUMY-HP48NKMU1

SPECIFICATIONS OF MITSUBISHI PUMY-48NKMUS (-BS)

1. SPECIFICATIONS

S-Series

PUMY-P-NKMU3, PUMY-HP-NKMU1

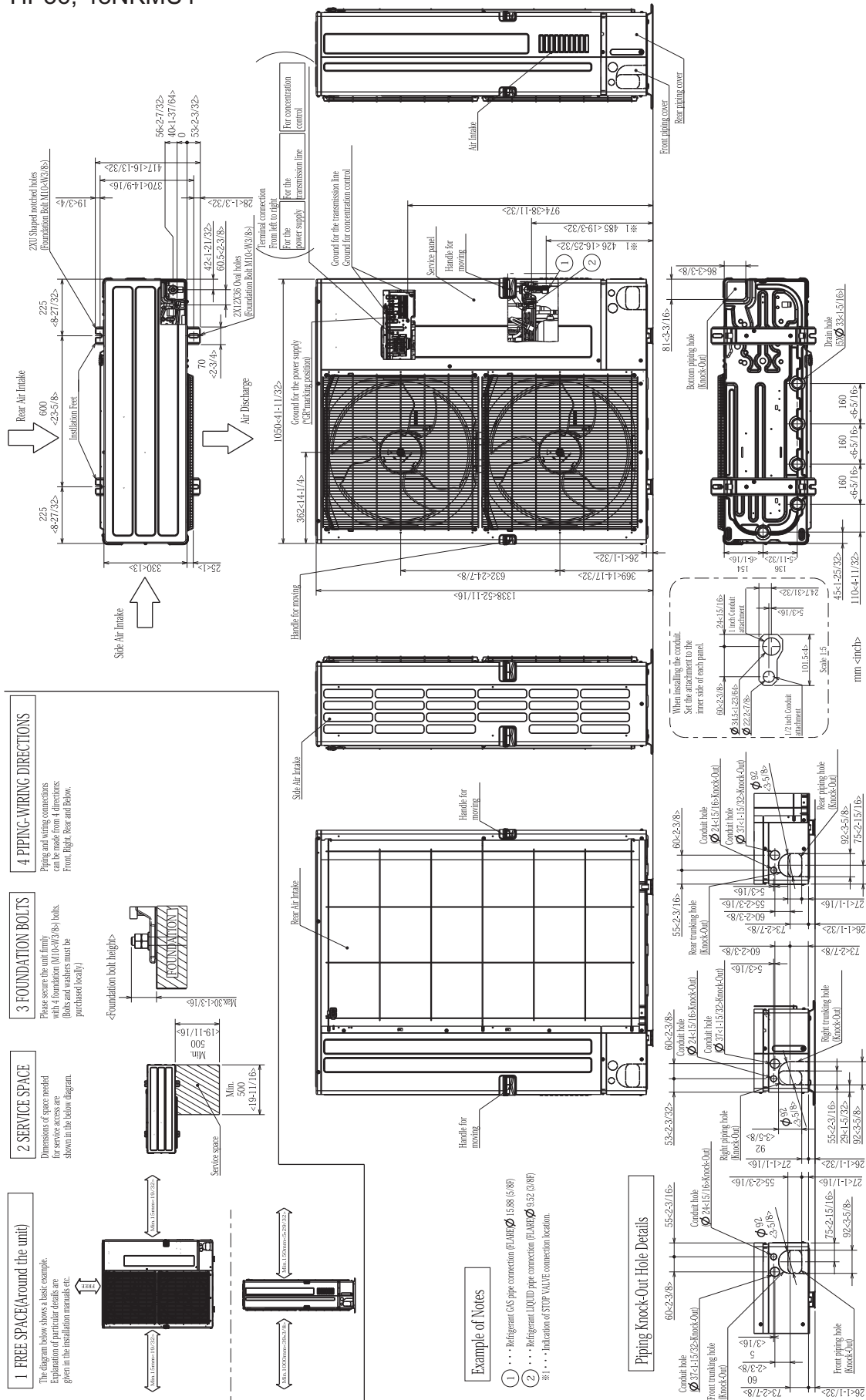
Model		PUMY-P36NKMU3 PUMY-P36NKMU3-BS	PUMY-P48NKMU3 PUMY-P48NKMU3-BS	PUMY-P60NKMU3 PUMY-P60NKMU3-BS
Power source		208/230 V AC, 60 Hz		
Cooling capacity (Nominal)	*1 kW	10.6	14.1	17.6
	*1 kcal/h	9,100	12,100	15,100
	*1 Btu/h	36,000	48,000	60,000
	Power input	W	2310	3545
	Current input	A	11.3/10.2	17.3/15.6
EER	kW/kW	15.5	13.5	13.6
Temp. range of cooling	Indoor	W.B.	59 to 75°F [15 to 24°C]	
	Outdoor	D.B.	23 to 115°F [-5 to 46°C]*3*4	
Heating capacity (Nominal)	*2 kW	12.3	15.8	19.3
	*2 kcal/h	10,600	13,600	16,600
	*2 Btu/h	42,000	54,000	66,000
	Power input	W	3020	3880
	Current input	A	14.7/13.3	18.9/17.1
COP	kW/kW	4.08	4.08	4.17
Temp. range of heating	Indoor	D.B.	59 to 81°F [15 to 27°C]	
	Outdoor	W.B.	-13 to 59°F [-25 to 15°C]	
Indoor unit connectable	Total capacity		50 to 130% of outdoor unit capacity	
	Model/ Quantity	CITY MULTI	P04-P36/11	P04-P54/12
Sound pressure level (measured in anechoic room)	dB <A>		49/53	51/54
				58/59
Refrigerant piping diameter	Liquid pipe	mm (in)	9.52 (3/8)	
	Gas pipe	mm (in)	15.88 (5/8)	19.05 (3/4)
FAN	Type x Quantity		Propeller Fan × 2	
	Airflow rate	m3/min	110	138
		L/s	1,834	2,300
		cfm	3,885	4,879
	Control, Driving mechanism		DC control	
Motor output	kW	0.074 + 0.074	0.2 + 0.2	
External static press.		0		
Compressor	Type x Quantity		Scroll hermetic compressor × 1	
	Manufacture		Mitsubishi Electric Corporation	
	Starting method		Inverter	
	Motor output	kW	2.8	3.4
	Case heater	kW	0	
Lubricant		FV50S (2.3 liter)	FVC68D (2.3 liter)	
External finish		Galvanized Steel Sheet <MUNSELL 3Y 7.8/1.1>		
External dimension H x W x D		mm	1,338 × 1,050 × 330 (+25)	
		in	52-11/16 × 41-11/32 × 13 (+1)	
Protection devices	High pressure protection		High pressure Switch, High pressure Sensor	
	Inverter circuit (COMP./FAN)		Overcurrent detection, Overheat detection (Heat sink thermistor)	
	Compressor		Compressor thermistor, Over current detection	
	Fan motor		Overheating, Voltage protection	
Refrigerant	Type x original charge		R410A 4.8 kg	R410A 5.1 kg
	Control		Linear Expansion Valve	
Net weight	kg (lb)	123 (271)	137 (302)	
Heat exchanger		Cross Fin and Copper tube		
HIC circuit (HIC: Heat Inter-Changer)		HIC circuit		
Defrosting method		Reversed refrigerant circuit		
Drawing	External	BK01V261		
	Wiring	BH78B813		
Standard attachment	Document	Installation Manual		
	Accessory	Grounded lead wire × 2, conduit plate		
Optional parts		Joint: CMY-Y62-G-E Header: CMY-Y64/68-G-E		
Remarks		Details on foundation work, duct work, insulation work, electrical wiring, power source switch, and other items shall be referred to the Installation Manual. Due to continuing improvement, above specifications may be subject to change without notice.		
Notes:		<p>*1. Nominal cooling conditions (subject to ISO 15042) Indoor: 27°C D.B./19°C W.B. (81°F D.B./66°F W.B.), Outdoor: 35°C D.B. (95°F D.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)</p> <p>*2. Nominal heating conditions (subject to ISO 15042) Indoor: 20°C D.B. (68°F D.B.), Outdoor: 7°C D.B./6°C W.B. (45°F D.B./43°F W.B.) Pipe length: 7.5 m (24-9/16 ft.), Level difference: 0 m (0 ft.)</p> <p>*3. 50 to 115°F (10 to 46°C) D.B.: When connecting PKFY-P06NBMU, PKFY-P08NHMU, PKFY-P04/06/08/12NLMU, PFFY-P06/08/12NEMU, and PFFY-P06/08/12NRMU type indoor unit.</p> <p>*4. 5 to 115°F (-15 to 46°C) D.B.: When using an optional air protect guide (PAC-SH95AG-E). However, this condition does not apply to the indoor units listed in *3.</p>		

SPECIFICATIONS OF MITSUBISHI PUMY-48NKMUS (-BS)

PUMY-P36, 48NKMU3 (-BS)
PUMY-HP36, 48NKMU1

Unit: mm(in)

PUMY-P-NKMU3, PUMY-HP-NKMU1



SPECIFICATIONS OF MITSUBISHI PUMY-48NKMUS (-BS)