

# **GENERAL NOTES:**

- 1. FOR ADDITIONAL EQUIPMENT INFORMATION AND REQUIREMENTS, SEE SPECIFICATIONS & EQUIPMENT SUBMITTALS.
- 2. MAINTAIN WALL ASSEMBLY FIRE RATING FOR INSTALLATION OF WALL HEATERS IN FIRE RATED WALLS. COORDINATE INSTALLATION WITH ARCHITECTURAL DRAWINGS.
- 3. ALL ELECTRIC HEATERS PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR, TYPICAL ALL UNITS.
- 4. ALL DWELLING UNITS ARE VENTILATED BY NATURAL VENTILATION. OPERABLE WINDOW & DOOR AREAS HAVE BEEN SIZED TO PROVIDE A MINIMUM OF 4% OF THE FLOOR AREA.
- 5. COMMON SPACES AND HALLWAYS ARE VENTILATED BY PTHP UNIT(S) PROVIDING OUTSIDE AIR THAT MEETS THE CODE MINIMUM 0.06 CFM/SQFT REQUIRED BE CODE.
- 6. ALL EQUIPMENT AND DUCTWORK IS LOCATED BELOW RATED ASSEMBLY.

# KEY NOTES:

- A 4"Ø DRYER EXHAUST TO EXTERIOR—ROOF TERMINATION VIA SOFFIT(S) PROVIDED. DRYER DUCT MATERIAL SHALL HAVE A SMOOTH INTERIOR FINISH, BE CONSTRUCTED OF 26 GA SHEET METAL, SUPPORTED AT 4 FOOT INTERVALS, RIVET OR SCREW PENETRATIONS THROUGH THE DUCT WALL ARE NOT ACCEPTABLE. IDENTIFY TOTAL EQUIVALENT LENGTH OF DRYER VENT WITH PERMANENT LABEL WITHIN 6FT OF DRYER CONNECTION. CLEAN—OUT TO BE PROVIDED FOR ALL VERTICAL RISERS. SEE 4
- C 6"ø HOOD DUCT TO ROOF/EXTERIOR WALL TERMINATION VIA SOFFIT(S) PROVIDED. BACK DRAFT DAMPER INTEGRAL TO HOOD. INSULATED FINAL 5' OF DUCTWORK. NO DUCTWORK SHALL PENETRATE RATED ASSEMBLY. HOOD FAN TO OPERATE INTERMITTENTLY. SEE
- $\bigcirc$ D EXTERIOR EXHAUST PLENUM SEE  $\bigcirc$  MAINTAIN 36" CLEAR TO OPERABLE WINDOWS AND DOORS.
- $\langle E \rangle$  LINT TRAPS ON ALL DRYERS, SEE (6.00c) FOR TYP DETAIL. 4"ø DRYER EXHAUST DUCT WITH RECESSED DRYER BOX —LINT TRAPS ARE ACCEPTED ON THIS PROJECT.
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- G AMANA PTHP (PACKAGED TERMINAL HEAT PUMP) WITH FACTORY WALL SLEEVE, CONDENSATE DRAIN KIT, AND 42X16 ALUMINUM ARCHITECTURAL GRILLE AT EXTERIOR. INSTALL GRAVITY CONDENSATE DRAIN KIT, PLUMBING CONTRACTOR TO MAKE CONNECTION AT DRAIN KIT AND CONTINUE DRAIN LINE TO AN APPROVED LOCATION. SEE,

 $\langle H \rangle$  — VERTICAL FIRE PENETRATION DETAIL, SEE (4.01d)



Date:	9-29-21			
Proj No:	10081	$\mathbb{W}$	3.28.2022	PLAN REVIEW
Drawn By:	MGA	$\bigcirc$	4.18.2022	PLAN REVIEW #2
Chkd By:	MRD	8	6.24.2022	PLAN REVIEW #5
DSGN By:	MRD			
Acad File:				

MMONS ON THE TUALATIN
6645 SW NYBERG LANE
BUILDING D

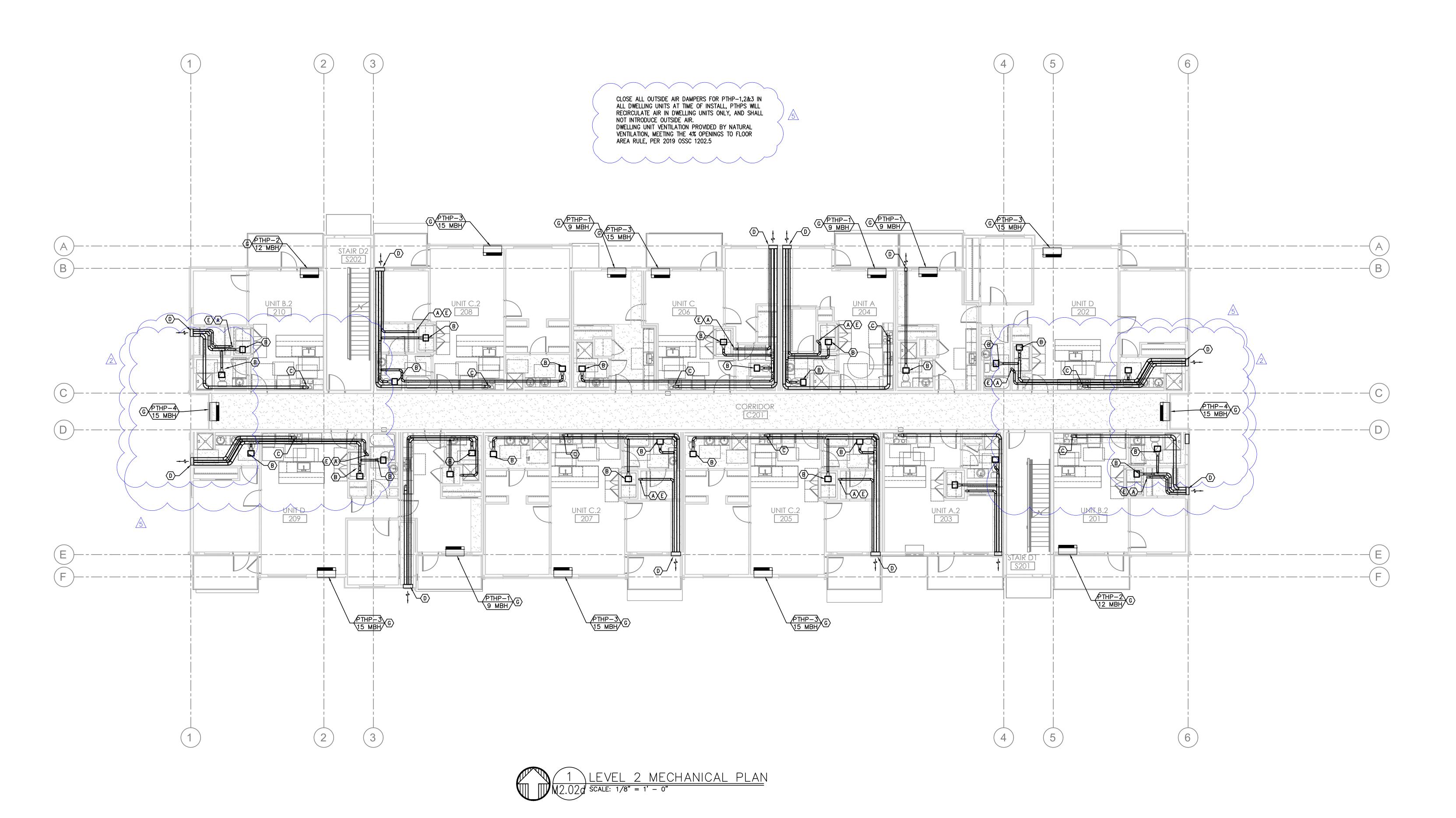
PERMIT SET 11/22/21





SHEET

M2.01d



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- $\langle H \rangle$  VERTICAL FIRE PENETRATION DETAIL, SEE (4.01d)



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	Chkd By:	MRD	\$	6.24.2022	PLAN REVIEW #5
	DSGN By:	MRD			
	Acad File:				
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MMONS ON THE TUALATIN
6645 SW NYBERG LANE
BUILDING D

PERMIT SET 11/22/21

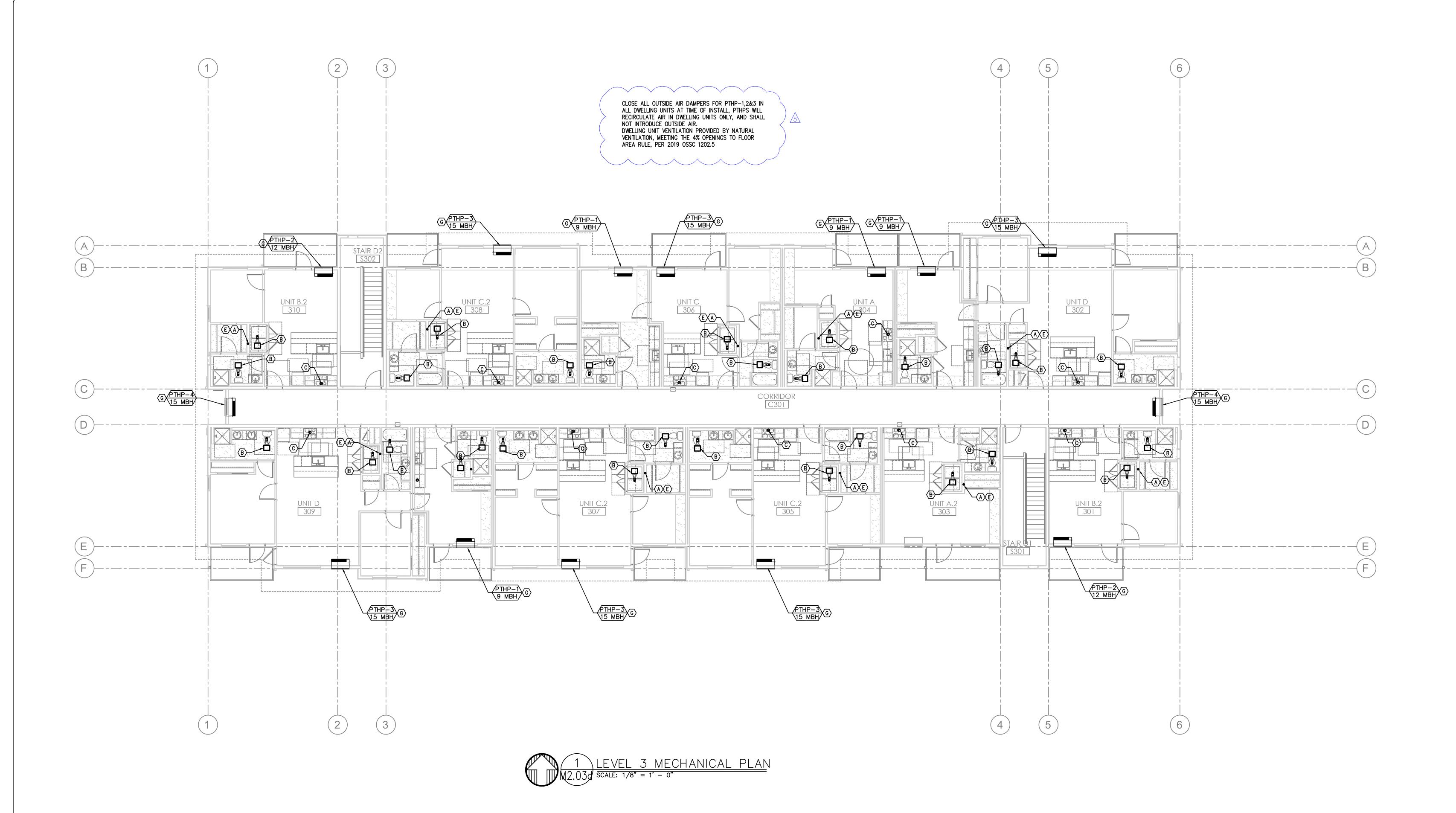






SHEET

M2.02d



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B - PANASONIC WHISPERGREEN CEILING FAN WITH 4"0 DUCT TO ROOF OR EXTERIOR WALL TERMINATION VIA SOFFIT(S) PROVIDED. BACK DRAFT DAMPER INTEGRAL TO FAN, FAN TO OPERATE AT LOW SPEED CONTINUOUS (30CFM) AND INCREASE TO 80CFM WHEN BUILT-IN MOTION SENSOR IS ACTIVATED. INSULATED FINAL 5' OF DUCTWORK. NO DUCTWORK SHALL PENETRATE RATED ASSEMBLY. SEE 5 EF EF

 $\bigcirc$  - 6"ø hood duct to roof/exterior wall termination via soffit(s) provided. Back DRAFT DAMPER INTEGRAL TO HOOD. INSULATED FINAL 5' OF DUCTWORK. NO DUCTWORK SHALL PENETRATE RATED ASSEMBLY. HOOD FAN TO OPERATE INTERMITTENTLY. SEE

 $\bigcirc$  — EXTERIOR EXHAUST PLENUM — SEE  $\bigcirc$  MAINTAIN 36" CLEAR TO OPERABLE WINDOWS AND

 $\langle E \rangle$  — lint traps on all dryers, see  $\sqrt{6.00}$  for typ detail. 4"ø dryer exhaust duct with recessed dryer box —lint traps are accepted on this project.

 $\langle \mathsf{F} 
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 $\overline{\text{H}}$  — VERTICAL FIRE PENETRATION DETAIL, SEE  $\overline{\text{M6.01d}}$ 



		△ 4.18.2022 PLAN REVIEW #2				
9-29-21	10081	MGA	MRD	MRD		
Date:	Proj No:	Drawn By:	Chkd By:	DSGN By:	Acad File:	

MON 664

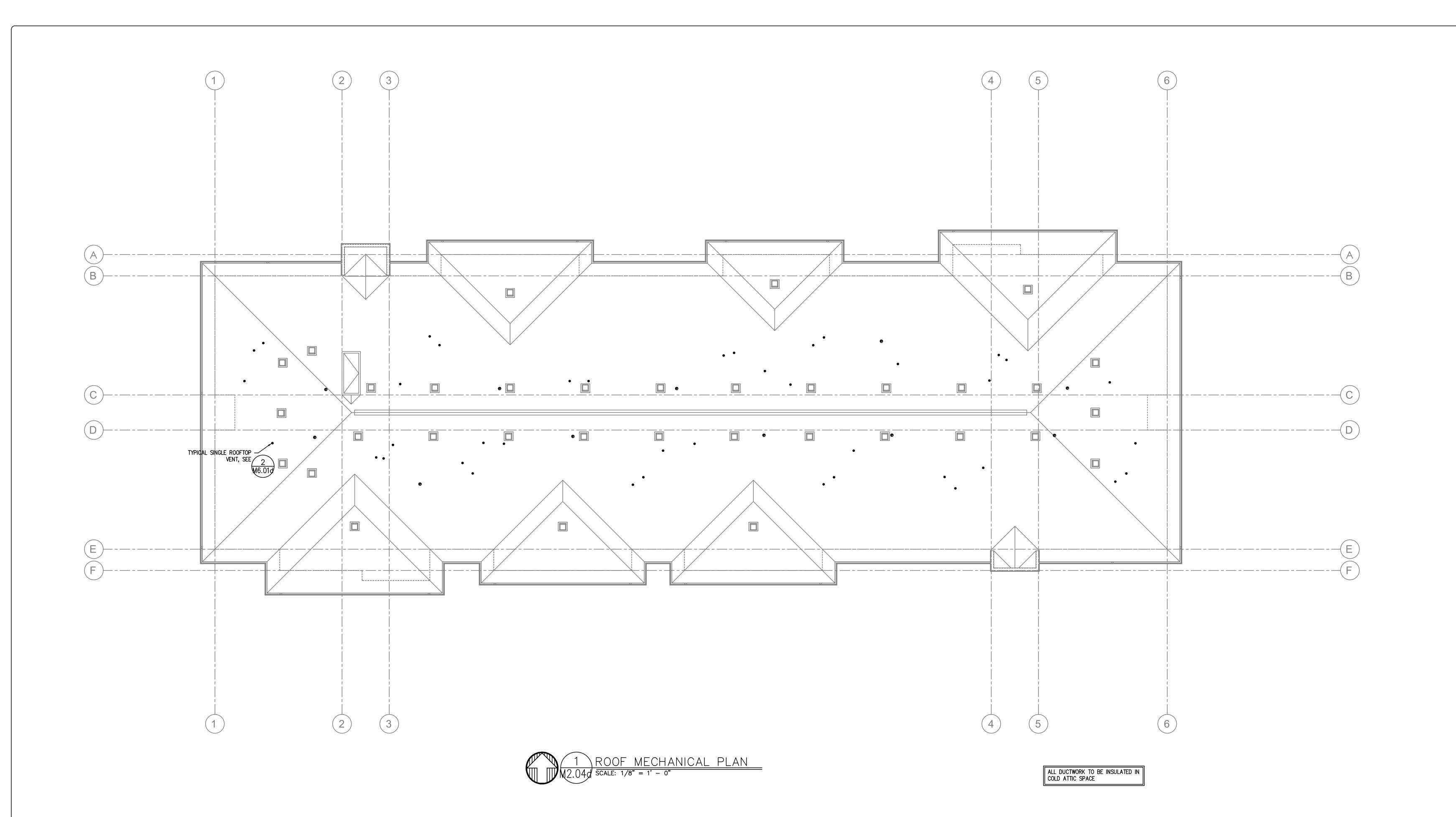




Consulting Engineers 2007 S.E. Ash St. Portland, OR 97214 PHN: (503) 234-0548 FAX: (503) 234-0677 www.mfia-eng.com

SHEET

M2.03d





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Dale:	2 23 21					
Proj No:	10081	$\bigcirc$ 3	3.28.2022	PLAN	PLAN REVIEW	
Drawn By:	MGA	<b>4</b>	4.18.2022	PLAN	PLAN REVIEW #2	
Chkd By:	MRD	9 📎	6.24.2022	PLAN	PLAN REVIEW #5	
DSGN By:	MRD					
Acad File:						
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COMMONS ON THE TUALATIN
6645 SW NYBERG LANE
BUILDING D
ROOF MECHANICAL PLAN

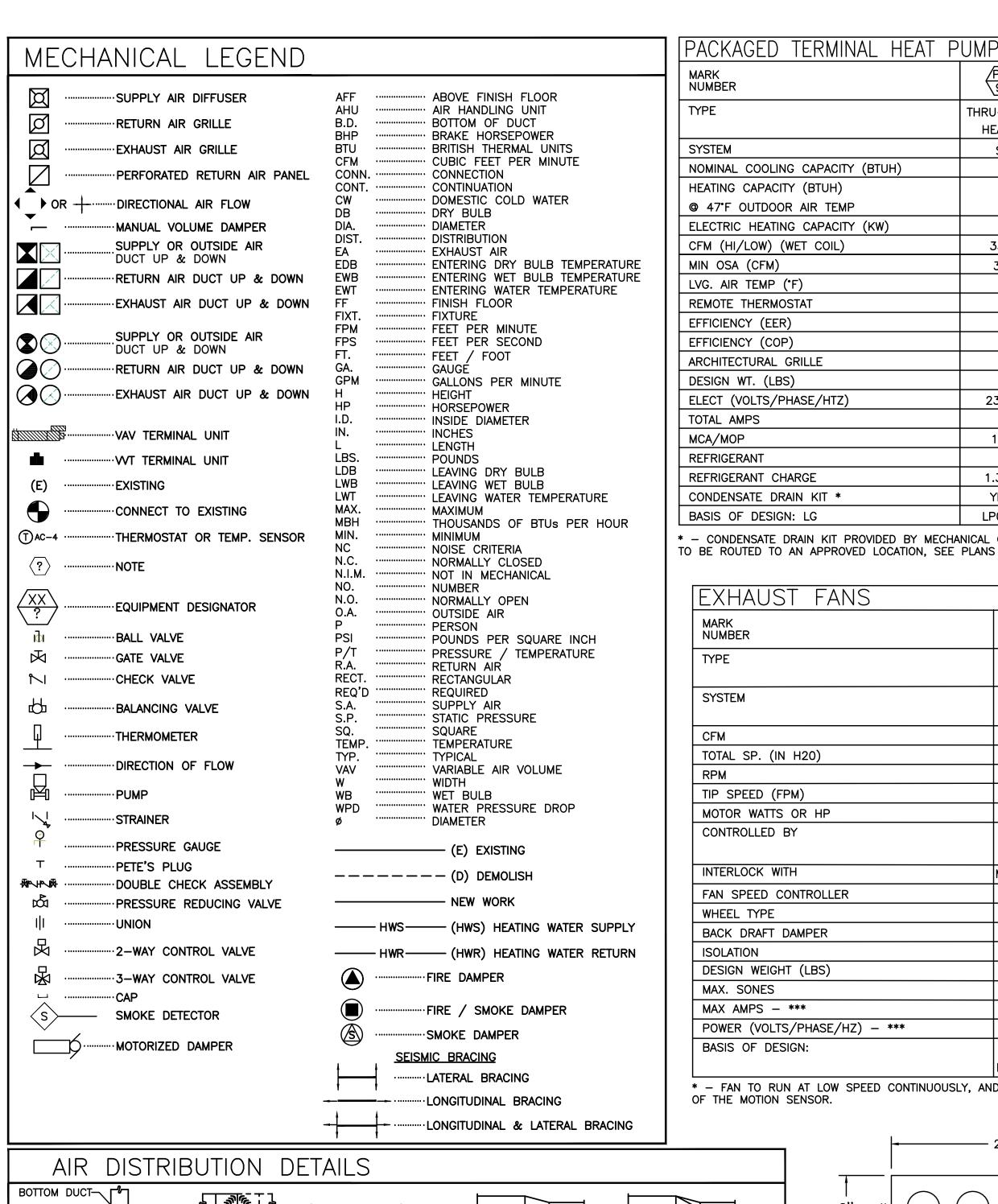
PERMIT SET 11/22/21

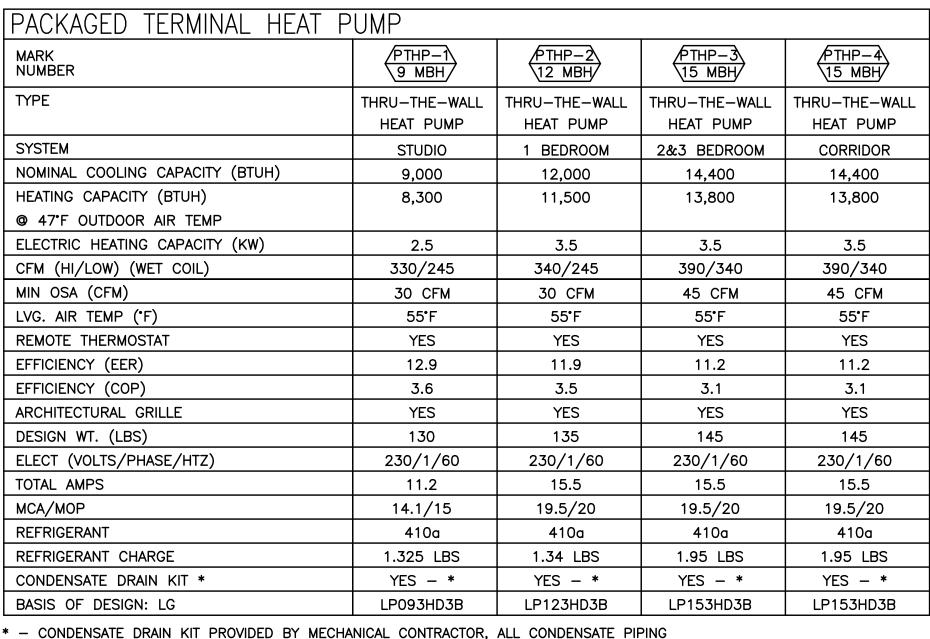






M2.04d





CEILING

CABINET

BATHROOM

30/80

0.20

1062/1146

5/11.7 W

MOTION SENSOR

YES

RUBBER

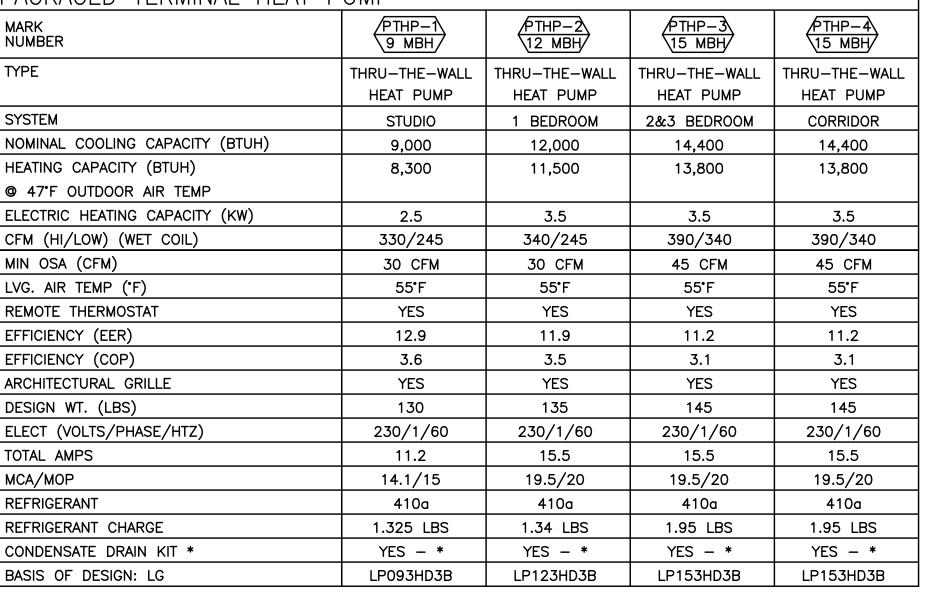
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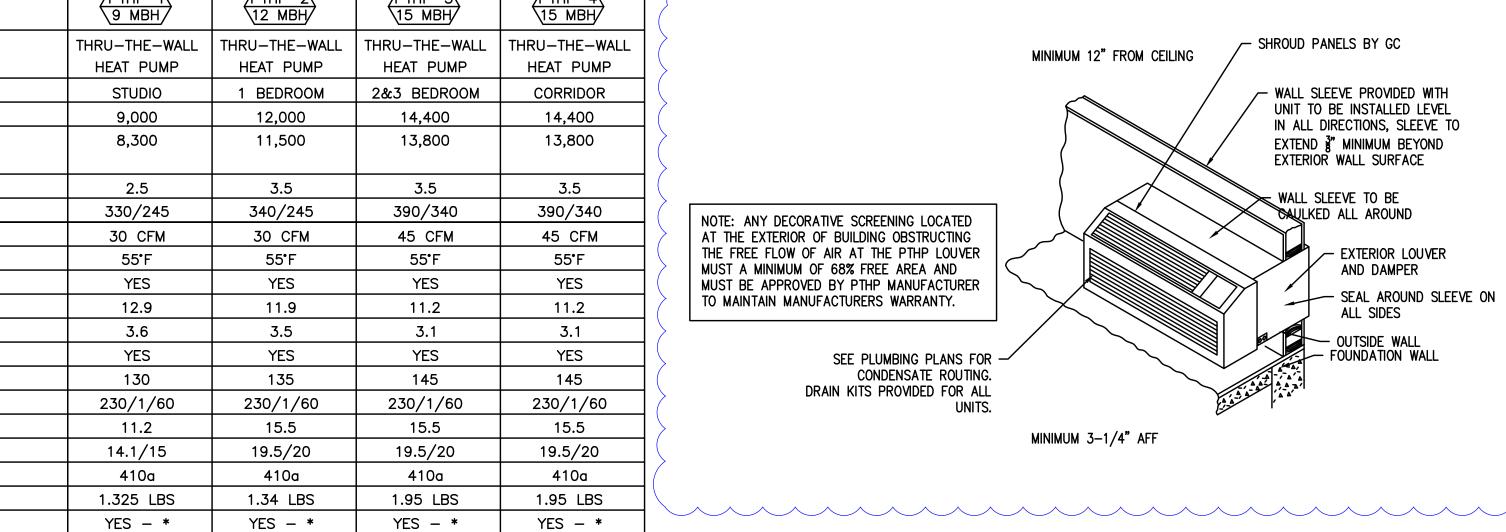
0.3/0.6

0.27

120/1/60

PANASONIC





CEILING

**CABINET** 

LAUNDRY

30/80

0.20

1062/1146

NA

5/11.7 W

LIGHTS

YES

**RUBBER** 

25

0.3/0.6

0.27

120/1/60

PANASONIC

|FV-05-11VKS2|FV-05-11VKS2|

CEILING

CABINET

BIKE STORAGE

0.125

740

127 W

**HUMIDISTAT** 

NONE

GRAVITY

RUBBER

23

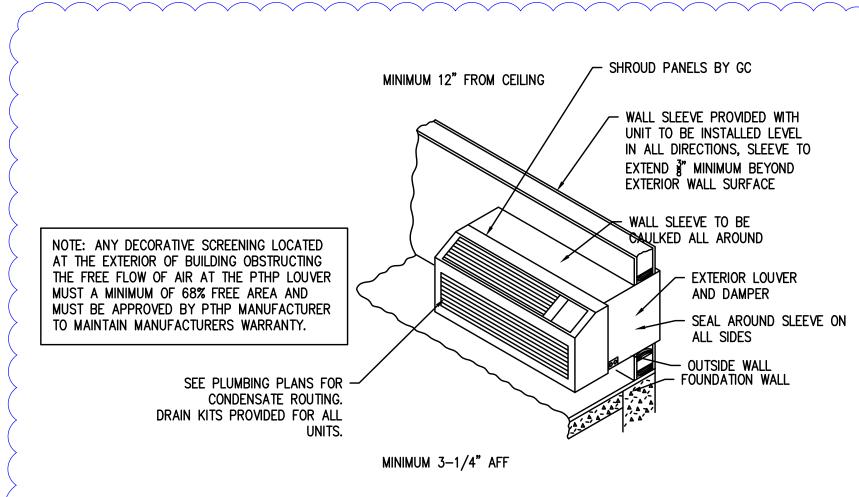
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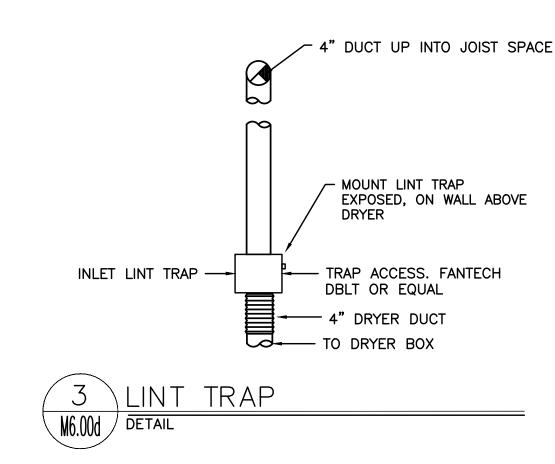
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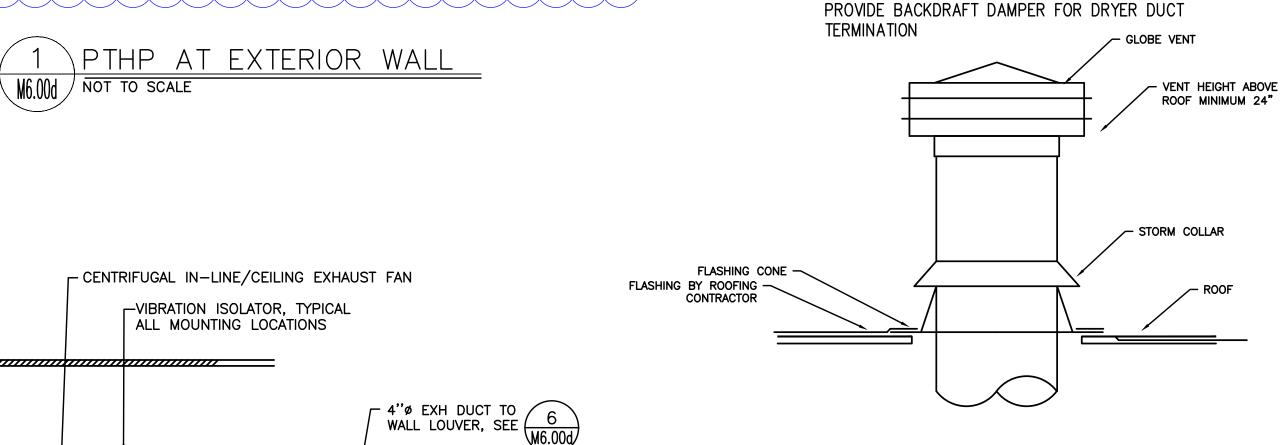
120/60/1

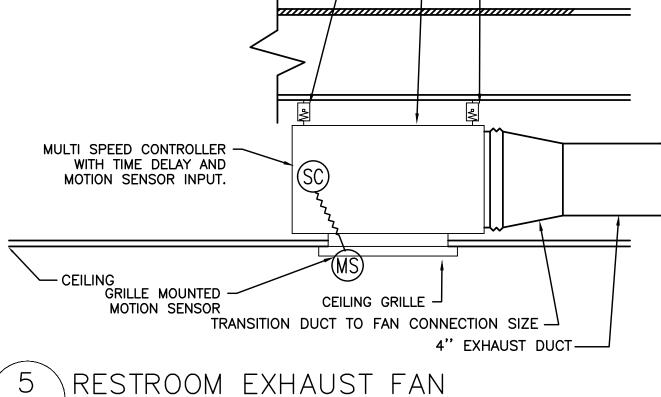
BROAN

L200

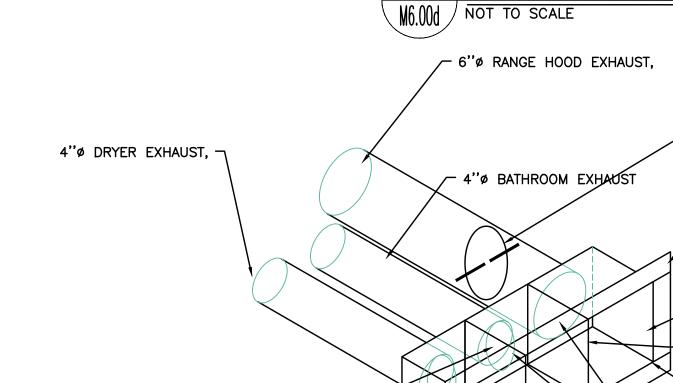


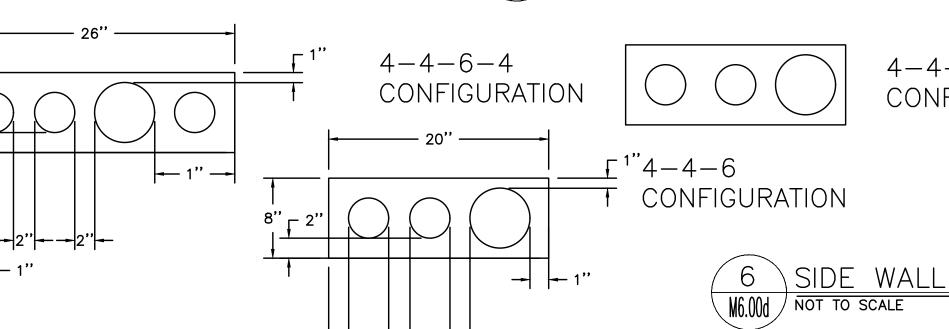






HANG FAN FROM STRUCTURE ABOVE





M6.00d SCALE: DETAIL

Best performance

Maximum length of 4"

dia. **rigid metal** duct

45 ft.

35 ft.

25 ft. 15 ft.

Specification Revised 11/19

Exhaust hood type

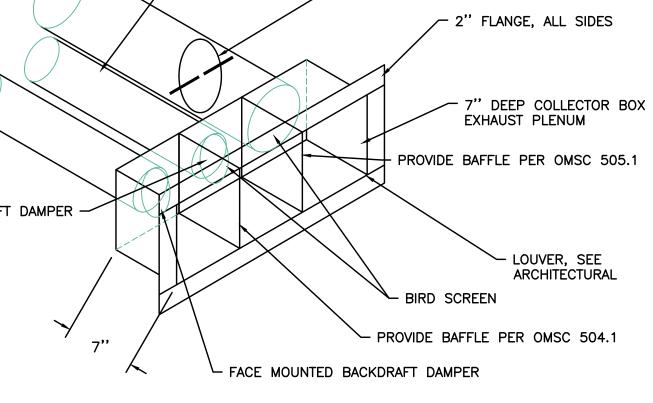
60 ft.

45 ft.

35 ft. 25 ft.

FACE MOUNTED BACKDRAFT DAMPER -SIDE WALL DWELLING UNIT VENTING WITH HOOD

**GTX22EASK** 



2 GLOBE STYLE ROOF VENT

# GFD55ESSN/ESPN

GE® 7.8 cu. ft. Capacity Front Load Electric Dryer

### DRYER EXHAUSTING INFORMATION -METAL DUCT ONLY

For complete information, see installation instructions packed with your dryer. **DUCTING MATERIALS:** For best performance, this dryer should be vented with 4" diameter all rigid metal exhaust duct. If rigid metal duct cannot be used, then UL-listed flexible metal (semi-rigid) ducting can be used (Kit WX08X10077). In special installations, it may be necessary to connect the dryer to the house vent using a flexible metal (foil-type) duct. A UL-listed flexible metal (foil-type) duct may be used ONLY in installations where rigid metal or flexible metal (semi-rigid) ducting cannot be used AND where a 4" diameter can be maintained throughout the entire length of the transition duct. Please see installation instruction packed with your dryer for complete instructions when using flexible metal (foil type) ducting. **EXHAUST LENGTH CALCULATION:** 

- 1. Determine the number of 90° turns needed for your installation. If you exhaust to the side or bottom of dryer, add one turn.
- 2. The maximum length of 4" rigid (aluminum or galvanized) duct which can be tolerated is shown in the table.

A turn of  $45^{\circ}$  or less may be ignored. Two  $45^{\circ}$  turns within the duct length should be treated as a  $90^{\circ}$  elbow.

#### A turn over $45^{\circ}$ should be treated as a $90^{\circ}$ elbow. Drvers must be exhausted to the outside.

**CAUTION:** For personal safety do not terminate exhaust into a chimney, under any enclosed house floor (crawl space), or into an attic, since the accumulated lint could create a fire hazard or moisture could cause damage. Never terminate the exhaust into a common duct or plenum with a kitchen exhaust, since the combination of lint and grease could create a fire hazard. Exhaust ducts should be terminated in a dampered wall cap to prevent back drafts, bird nesting, etc. The wall cap must also be located at least 12" above the ground or any other obstruction with the opening pointed down.

#### FOR MORE INFORMATION ON VENTING KITS AND ACCESSORIES, PLEASE CALL 1-800-GE-CARES.

GE Appliances product questions, visit our website at geappliances.com or call GE Answer Center® Service, 800.626.2000.

# ADA DRYER

Domestic

→ -1-5/8

l Number

turns

GE Appliances Series 6.2 Cu. Ft. Capacity Aluminized Alloy Drum Electric Dryer

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### CALL 1-800-GE-CARES.

GE APPLIANCES

For answers to your Monogram, GE Café<sup>™</sup> Series, GE Profile<sup>™</sup> Series or  $GE\ Appliances\ product\ questions,\ visit\ our\ website\ at\ geappliances.com$ or call GE Answer Center® Service, 800.626.2000.

#### **DRYER EXHAUSTING INFORMATION-USE METAL DUCT ONLY VERTICAL AND** HORIZONTAL DUCTING

<i>A</i>		DESI PERF	OKMANCE
A		Maximum of 4" dia r metal duo	igid
TA B		Exhaust h	ood type
A	Number	А	В
2-1/2	of 90°	4"	2-1/2"
Domestic dryer models	turns	opening	opening
	0	120 ft.	90 ft.
	1	100 ft.	75 ft.
Long Vent 6.1-7.4 cu. ft. capacity electric & gas	2	85 ft.	65 ft.
(GTD33, GTD42, GTD45,	3	70 ft.	55 ft.
GTD65, GTX22, GTX33, GTX4	2 4	60 ft.	45 ft.
and GTX65)	5	55 ft.	35 ft.

For every extra 90° elbow, reduce the allowable vent system length by 10 ft. Two 45° elbows will be treated like one 90° elbow. For the side exhaust installations, add one 90° elbow to the chart. When calculating the total vent system length, you must add all the straight portions and elbows of the system (including the



Specification Revised 7/16

SHEET

M6.00d

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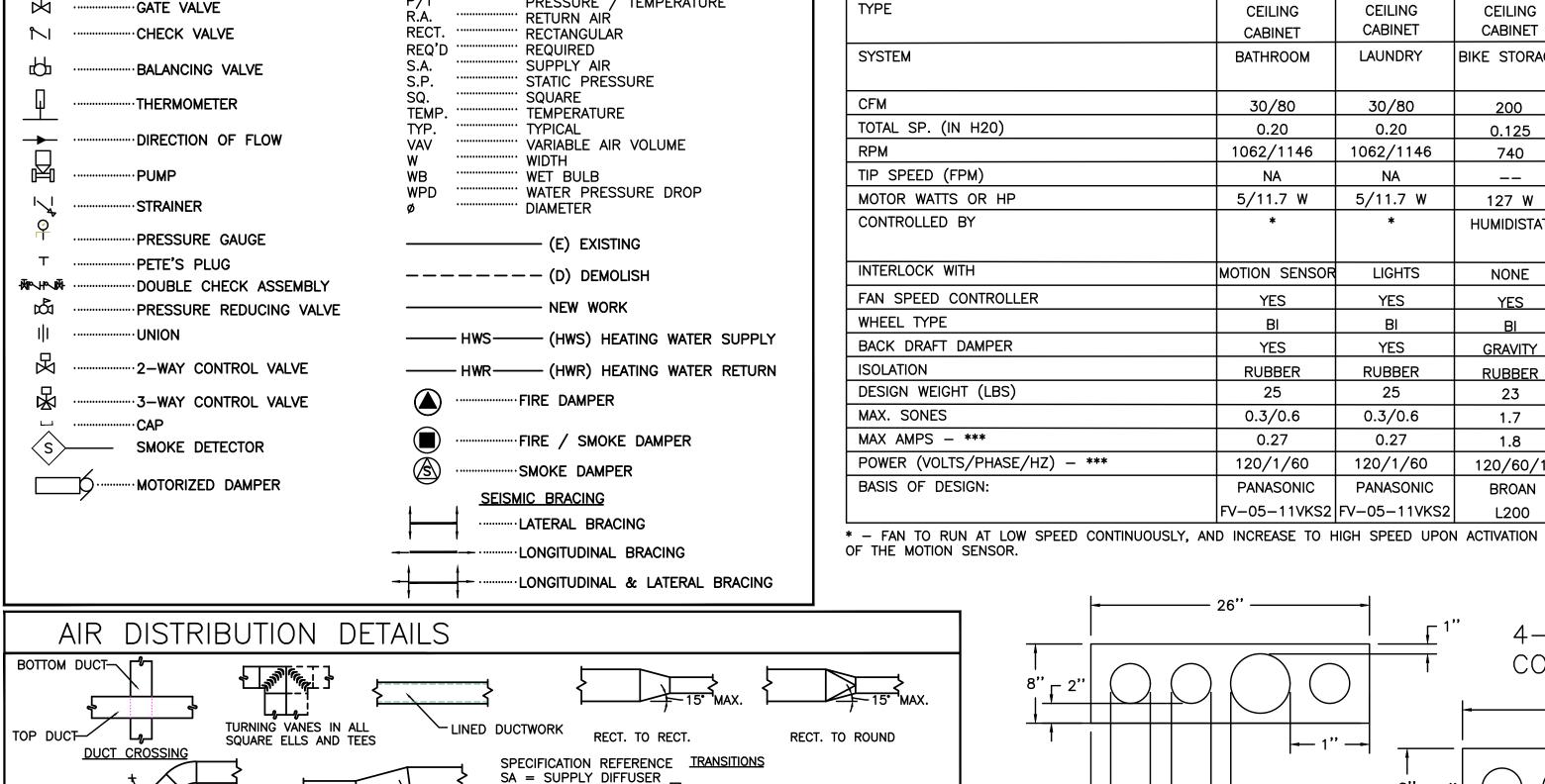
WWW.MFIA-ENG.COM

DUCT MOUNTED BACKDRAFT O≯∑ 98 PERMIT SET 11/22/21 @JACOB?

9-29-21

ARK R. DEN

EXPIRES: 31DEC21



A≤15° MITERED ELBOW

SIDEWALL DIFFUSER/GRILLE-

ROUND SA/RA DUCT-

(MIN. CROSS-SECTIONAL

AREA TO MATCH ROUND).

ROUND DUCT TRANSITION W/

SPIN-IN FITTING OFF TOP OF

TRANSITION FROM-

MANUAL VOLUME

RECTANGULAR MAIN

4"ø 26 GA GALV. DRYER DUCT. PROVIDE 4"

METAL DUCT WITH SMOOTH INTERIOR FINISH.

METAL SCREWS OR OTHER FASTENERS THAT

WILL OBSTRUCT THE EXHAUST FLOW. SUPPORT

TYPICAL DRYER INSTALLATION

DUCT EVERY 48 INCHES

· DRYER BOX, SEE / 1 `

DUCTS SHALL NOT BE INSTALLED WITH SHEET

MAIN TO ROUND

 $15^{\circ} < A \le 90^{\circ}$ SMOOTH RADIUS ELBOW, W/O VANES R/W = 1.0

ROUND DUCT W/ CONICAL FITTING

RATED FLOOR

CEILING ASSEMBLY

ROUND OR RECTANGULAR MAIN

ROUND DUCT TEE

**ELBOWS** 

RA = MATCHED RETURN EXH = EXH GRILLE

BALANCED AIRFLOW, CFM.

 $\int$  4"ø EXH DUCT TO 6 WALL LOUVER, SEE M6.00d

FALSE CEILING/SOFFIT

AND 45° EXTRACTOR) OR APPROVED EQUAL. MANUAL VOLUME — MAIN DUCT OR SHEET-ROCKED JOIST BAY LT-100 OR EQUAL. IF SELECTED AS OPTION, VERIFY ON PLANS DRYER DUCT LABEL PROVIDE PERMANENT LABEL WITHIN 6' OF DRYER STATING THE EQUIVALENT LENGTH OF THE INSTALLED DRYER DUCT

-CEILING DIFFUSER/GRILLE

-FLEX DUCT - MAX 48"

BRANCH DUCT

AIR TERMINALS

- SPIN-IN FITTING WHERE

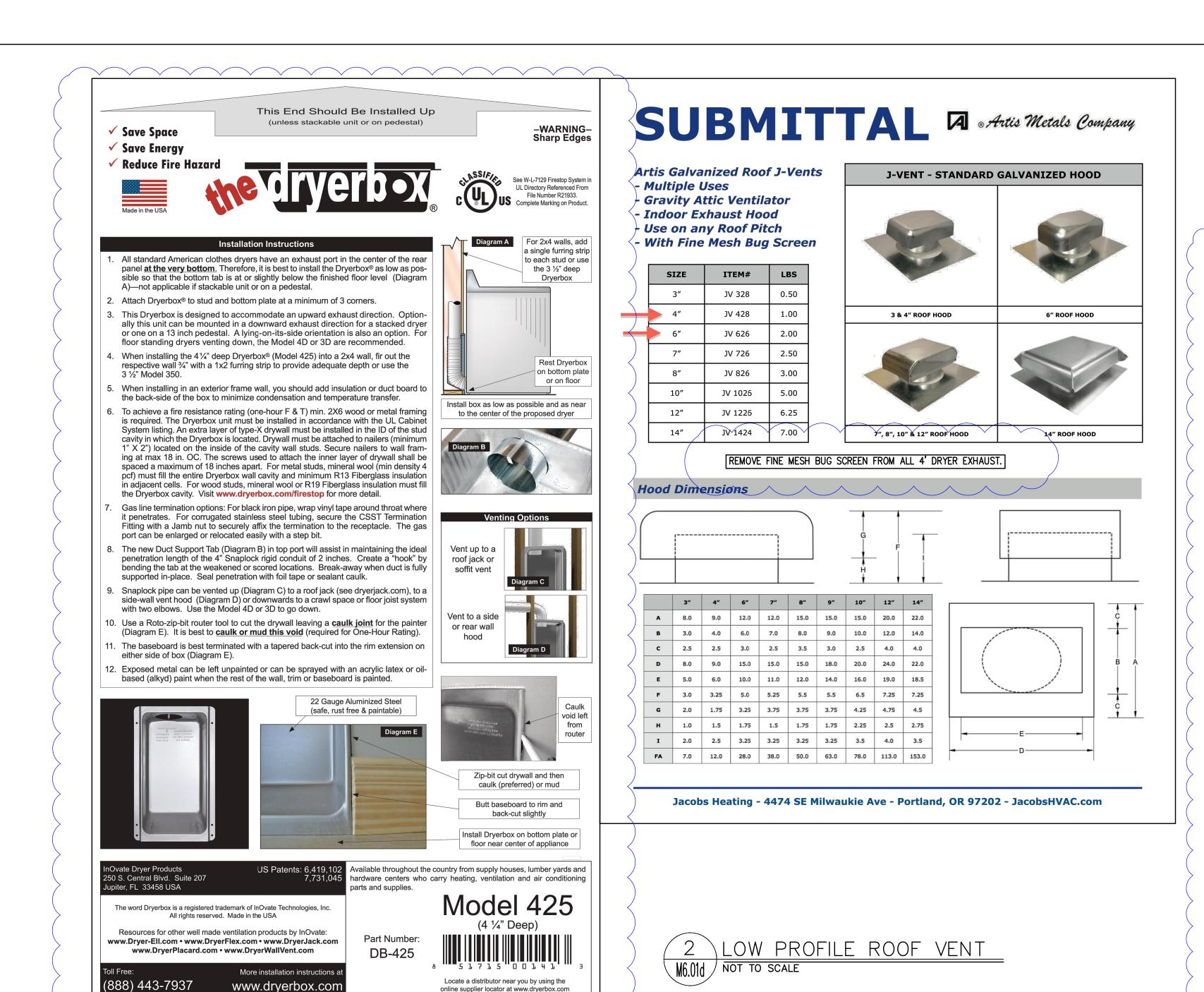
APPLICABLE. GENFLEX

SM-1DEL (WITH DAMPER

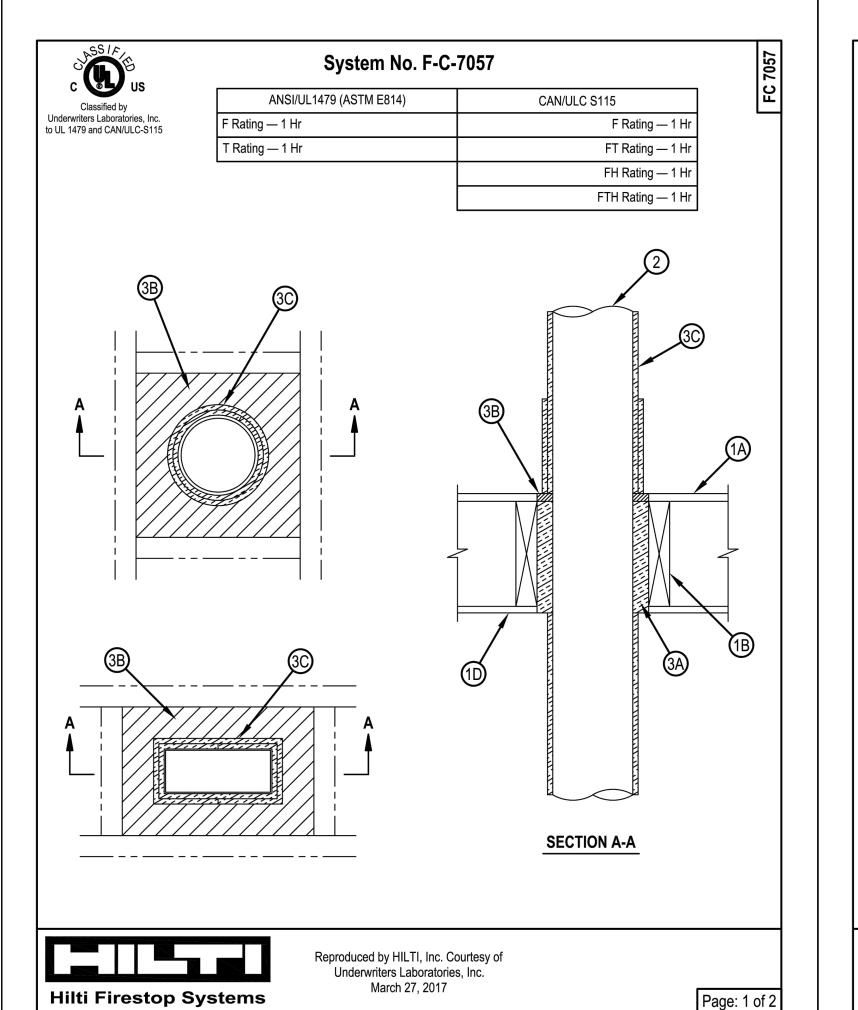
EXHAUST FANS

NUMBER

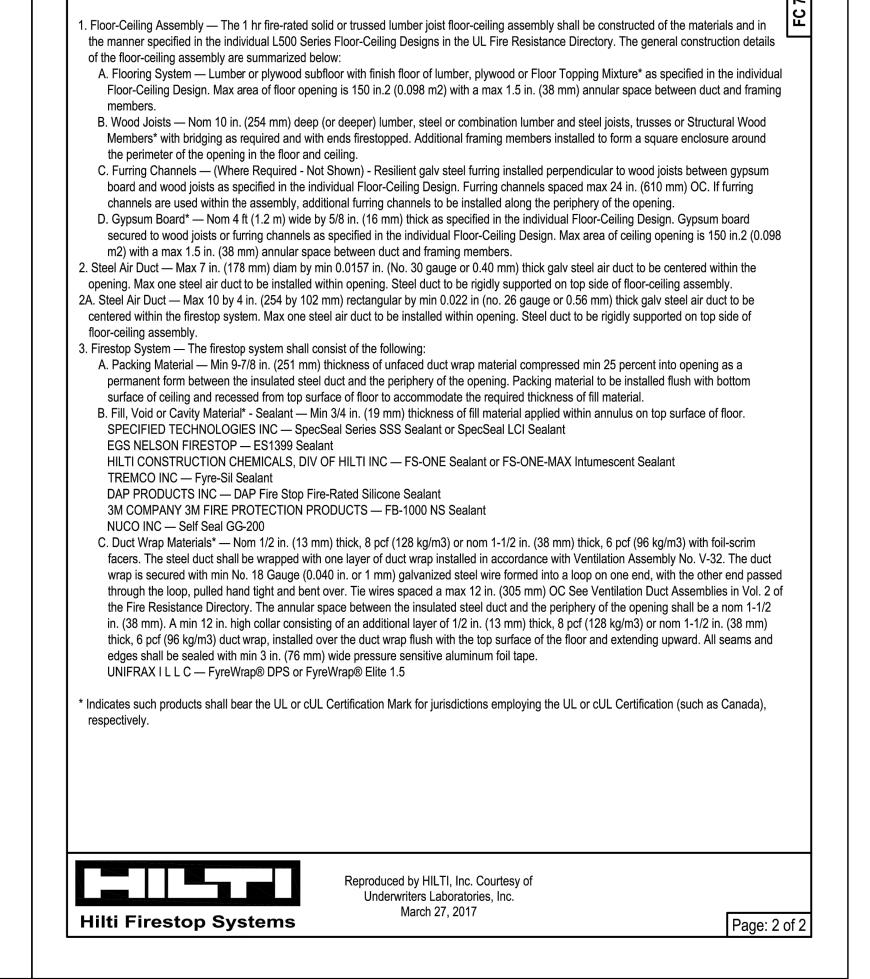
For answers to your Monogram, GE Café™ Series, GE Profile™ Series or



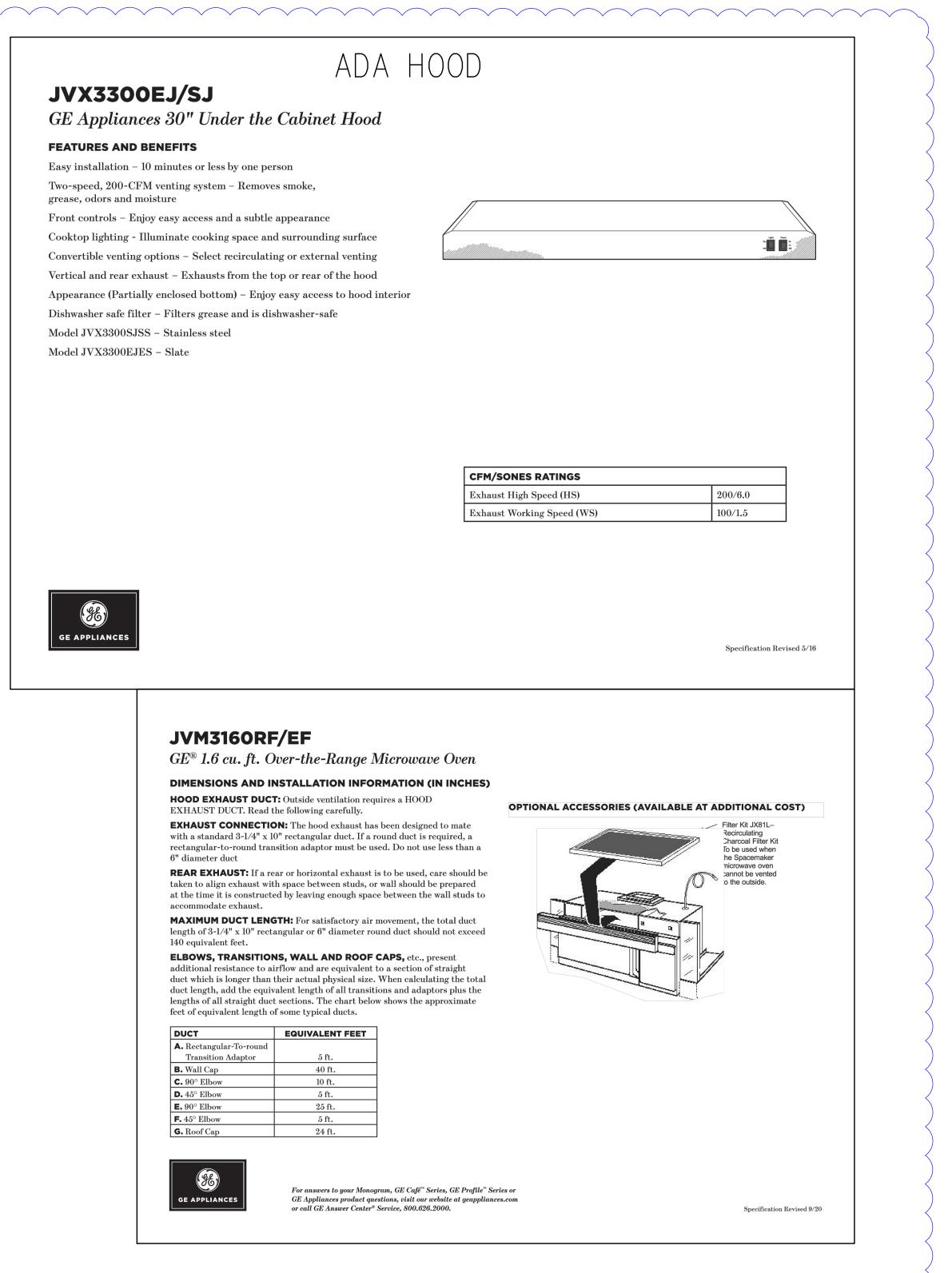
online supplier locator at www.drverbox.com

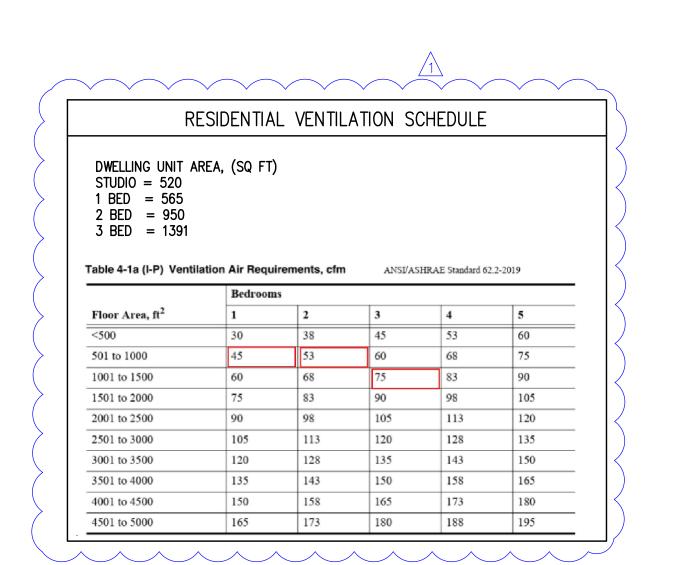


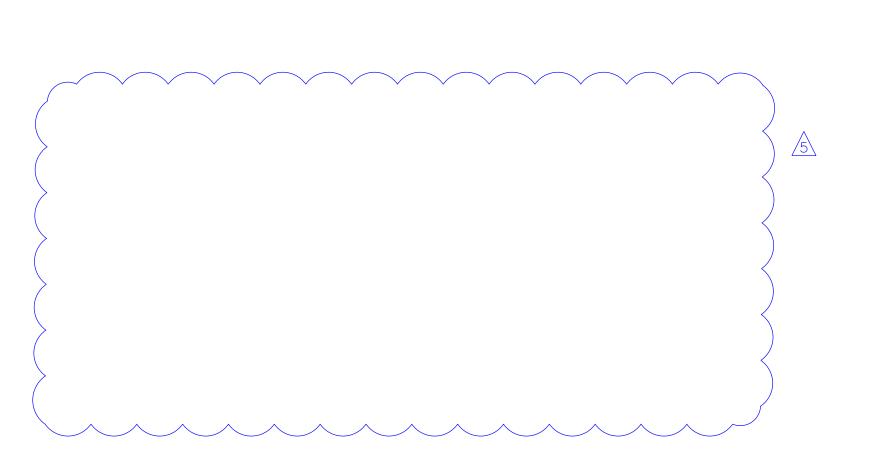
DRYER BOX DETAIL



System No. F-C-7057









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Date:	9-29-21		
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Drawn By:	MGA		PLAN REVIEW #2
Chkd By:	MRD		PLAN REVIEW #5
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11/22/21





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