

# VITA | Fireplaces

North American Designed & Manufactured by **CF + D** | custom fireplace design



## NICO | Suspended Hood with Base Gas Fireplace



Fireplaces have been tested and proved to comply with ANSI Z21.50/CSA 2.22 Vented Gas Fireplace. Certified under: ICC-ES PMG-1290

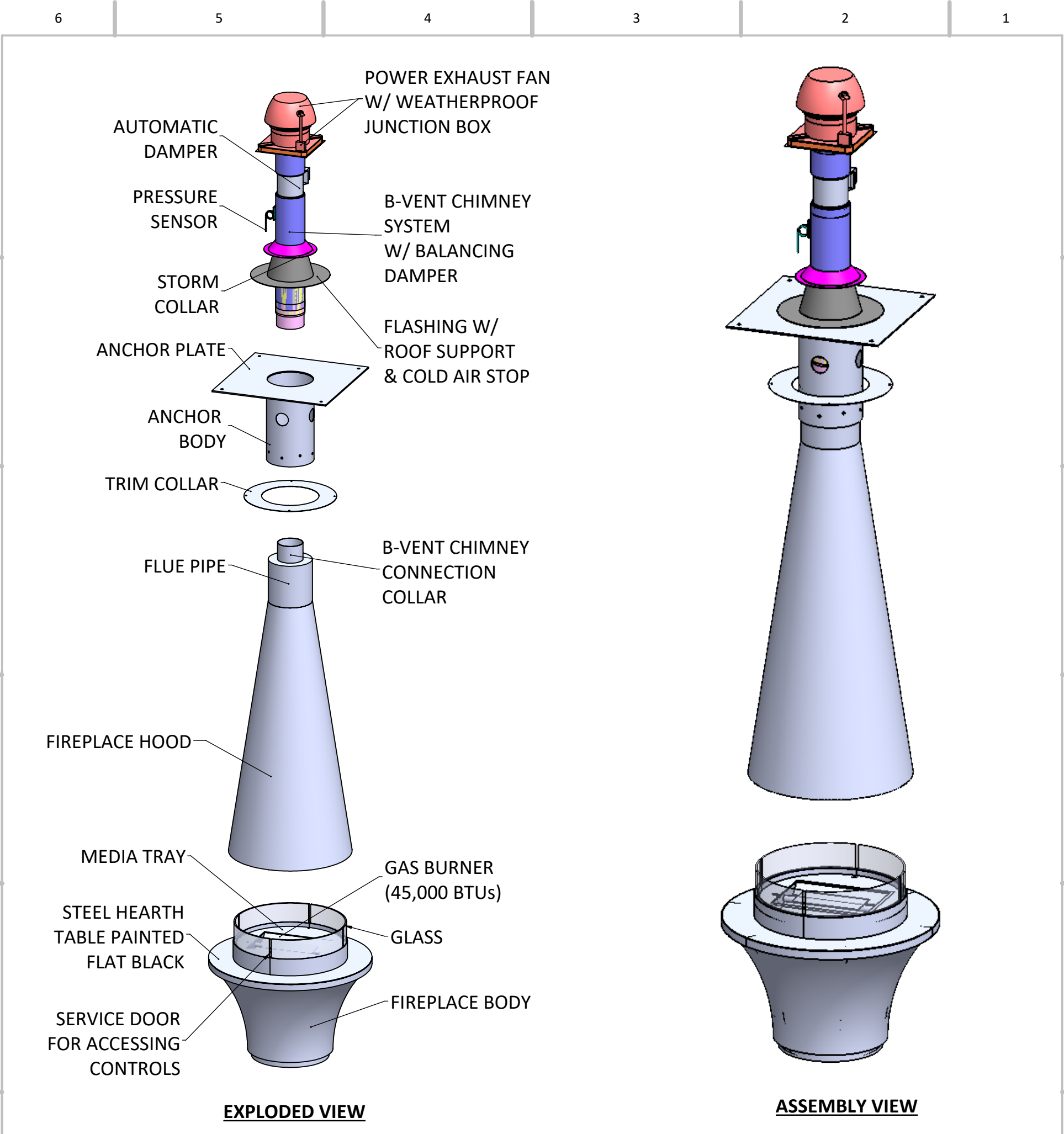
### PRODUCT LAYOUT PACKAGE (VERTICAL TERMINATION)

2020-06-26

**CF + D** | custom fireplace design

[www.customfireplacedesign.com](http://www.customfireplacedesign.com)





NICO | Suspended Hood with Base Gas Fireplace

Product Information

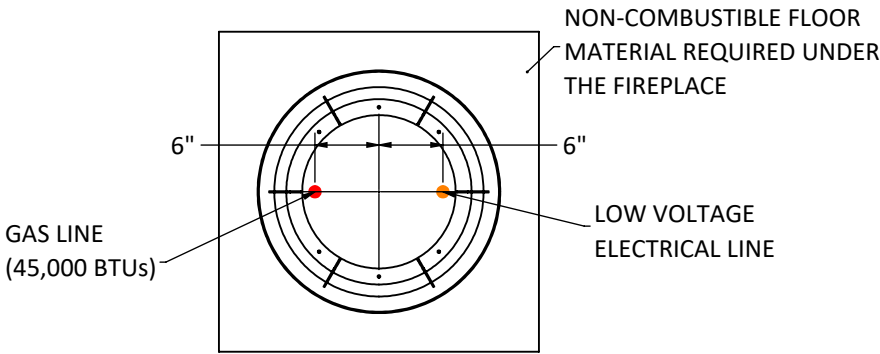
- Fireplaces have been tested and proved to comply with ANSI Z21.50/CSA 2.22 Vented Gas Fireplace. Certified under: ICC-ES PMG-1290.
  - Natural Gas or Propane fueled.
  - Natural Gas Burner: approx. 45,000 BTUs.
  - Propane Burner: approx. 40,000 BTUs.
  - 120 Volt 15 Amp required for venting.
  - Gas & Electrical connections to be completed on-site at service door.
  - 6" ID B-Vent chimney system required.
  - All standard fireplaces painted in factory matte black finish. Custom colors and patina finishes available.
  - Switch operation on wall (not included).
  - All dimensions are in inches.
  - Exact measurements may vary  $\pm 1/4"$ .
  - Optional decorative chimney cover available at add'l cost.
  - Custom anchor options available at add'l cost.
  - Energex Intelli Draft and Damper System.
- The height of the chimney vent must extend a minimum of 2 ft. above the roof exit.
  - Fasten/Secure hearth to the floor.
  - Minimum 50 sq. in. of ventilation air required for cooling controls.
  - 2 x 1 1/2" conduit's recommended for Gas & Electrical requirements.
  - Non-combustible floor material required under the fireplace.

STANDARD PRODUCT WEIGHTS		
SR. NO.	COMPONENT REFERENCE	WEIGHT
1	Anchor ( $\varnothing$ 10.75"x19" lg.)	60 lbs. approx.
2	Flue & Hood	140 lbs. approx.
3	Fireplace Body	200 lbs. approx.
Total Fireplace weight (for 10ft. ceiling application)		400 lbs. approx.
*Each add'l. 1 ft. of flue pipe weighs : approx. 17 lbs.		
*Each add'l. 1 ft. of anchor pipe weighs : approx. 18 lbs.		

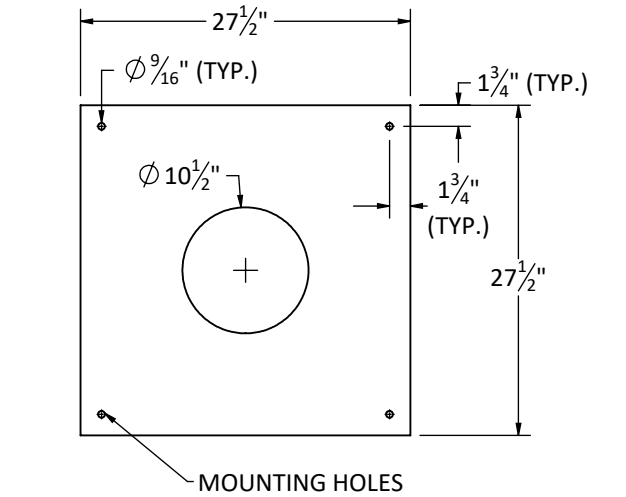
PROJECT		REV
NICO   Suspended Hood with Base Gas Fireplace		0
UNLESS OTHERWISE SPECIFIED  DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/16$ ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 0.5^\circ$ TWO PLACE DECIMAL $\pm 0.01$ THREE PLACE DECIMAL $\pm 0.005$	DESCRIPTION Assembly View	
	DRAWN	mpanchal
	CHECKED	MV
	APPROVED	--
SIZE B SHEET 2 OF 7		DO NOT SCALE DRAWING
		DATE (mm/dd/yyyy)
		2020-06-26
		2020-06-26
		NA

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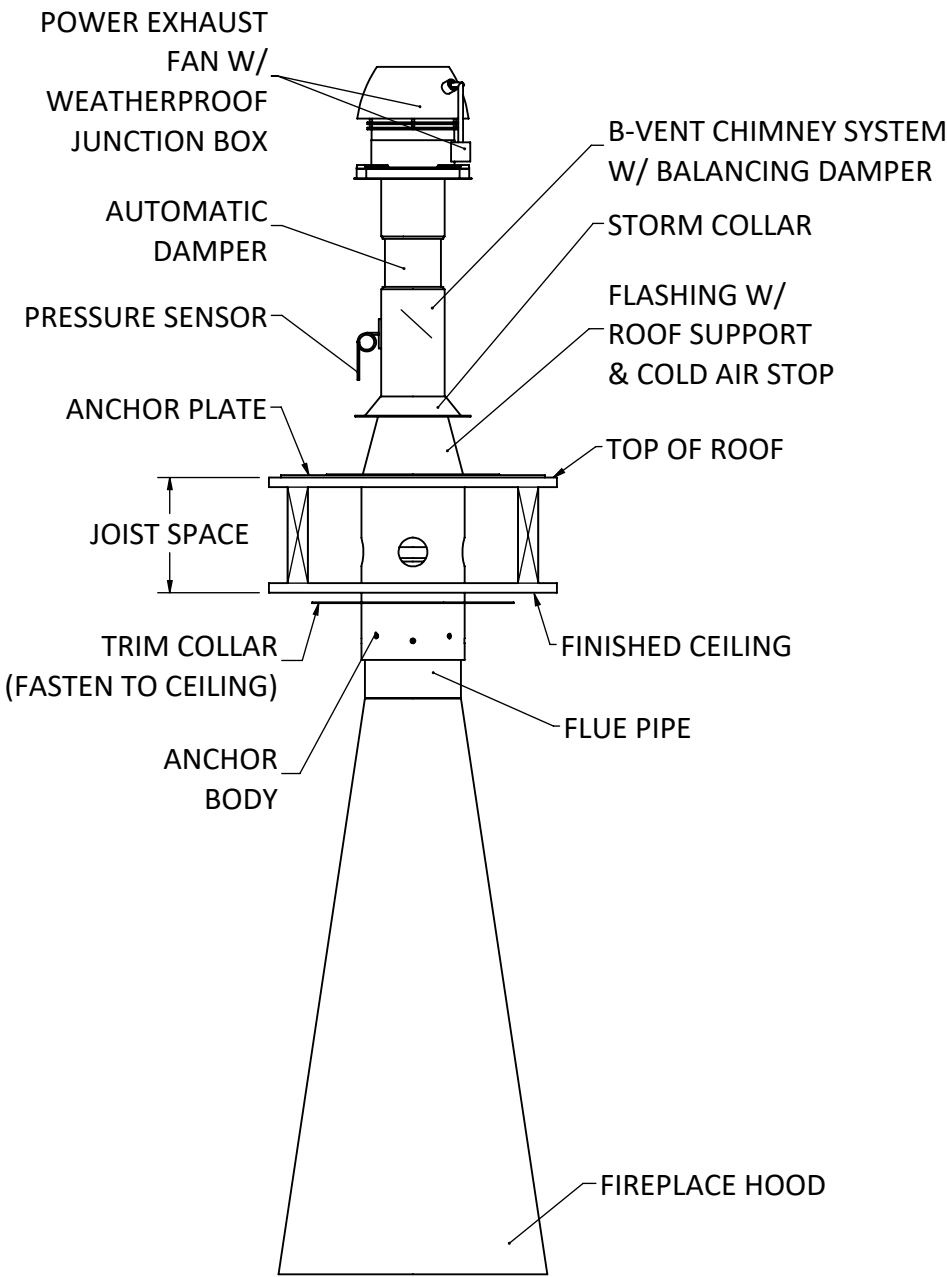
**SECTION E-E**  
**GAS AND ELECTRICAL LINE LOCATION ON FLOOR**  
**SCALE 1 : 18**



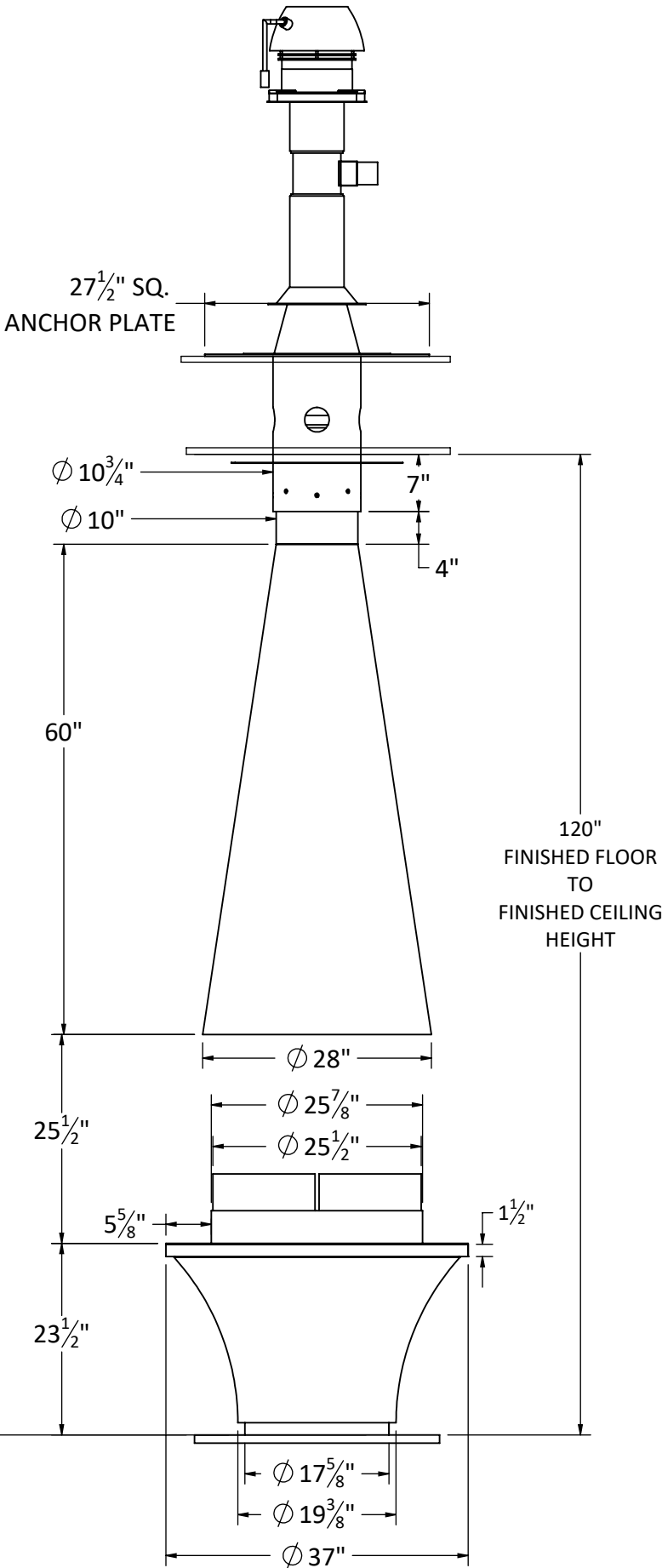
**STANDARD ANCHOR PLATE- 1/4" THICK.**

F

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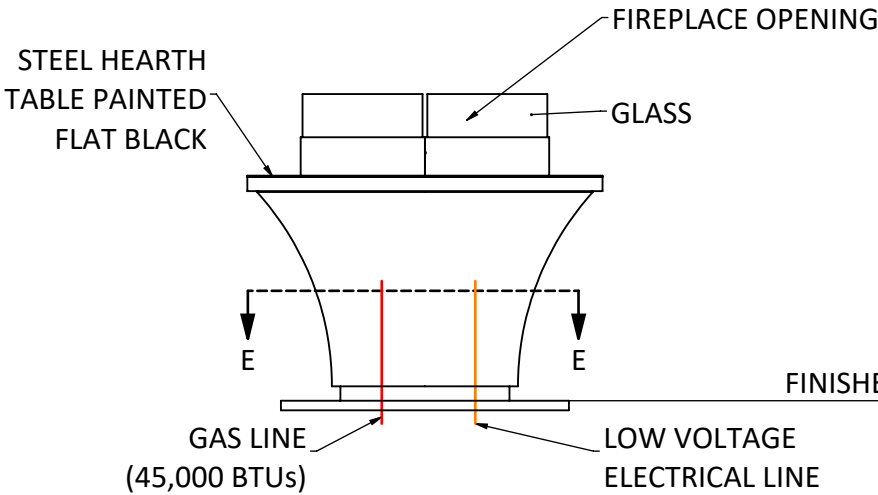
**FRONT ELEVATION**



**SIDE ELEVATION**

B

B



C

C

D

D

E

E

F

F

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North American Designed & Manufactured by:

**CF + D**  
custom fireplace design

5230 Harvester Rd. Unit # 2 Burlington, Ontario Canada L7L 4X4  
Phone: 905 681-3070 Fax: 905 681-8697

PROJECT  
NICO | Suspended Hood with Base Gas Fireplace

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL  $\pm 1/16$   
ANGULAR: MACH  $\pm 1^\circ$  BEND  $\pm 0.5^\circ$   
TWO PLACE DECIMAL  $\pm 0.01$   
THREE PLACE DECIMAL  $\pm 0.005$



DESCRIPTION  
Specifications

	NAME	DATE (mm/dd/yyyy)
DRAWN	mpanchal	2020-06-26
CHECKED	MV	2020-06-26
APPROVED	--	NA

SIZE **B** SHEET 3 OF 7

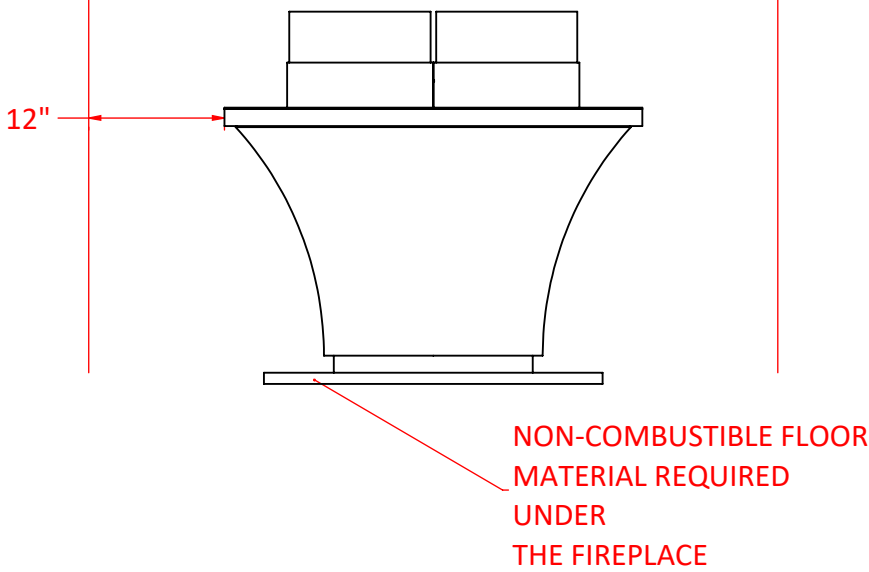
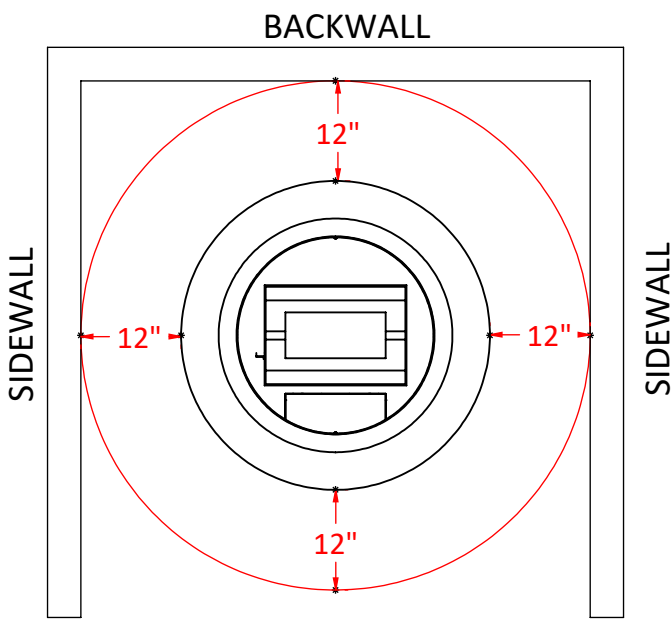
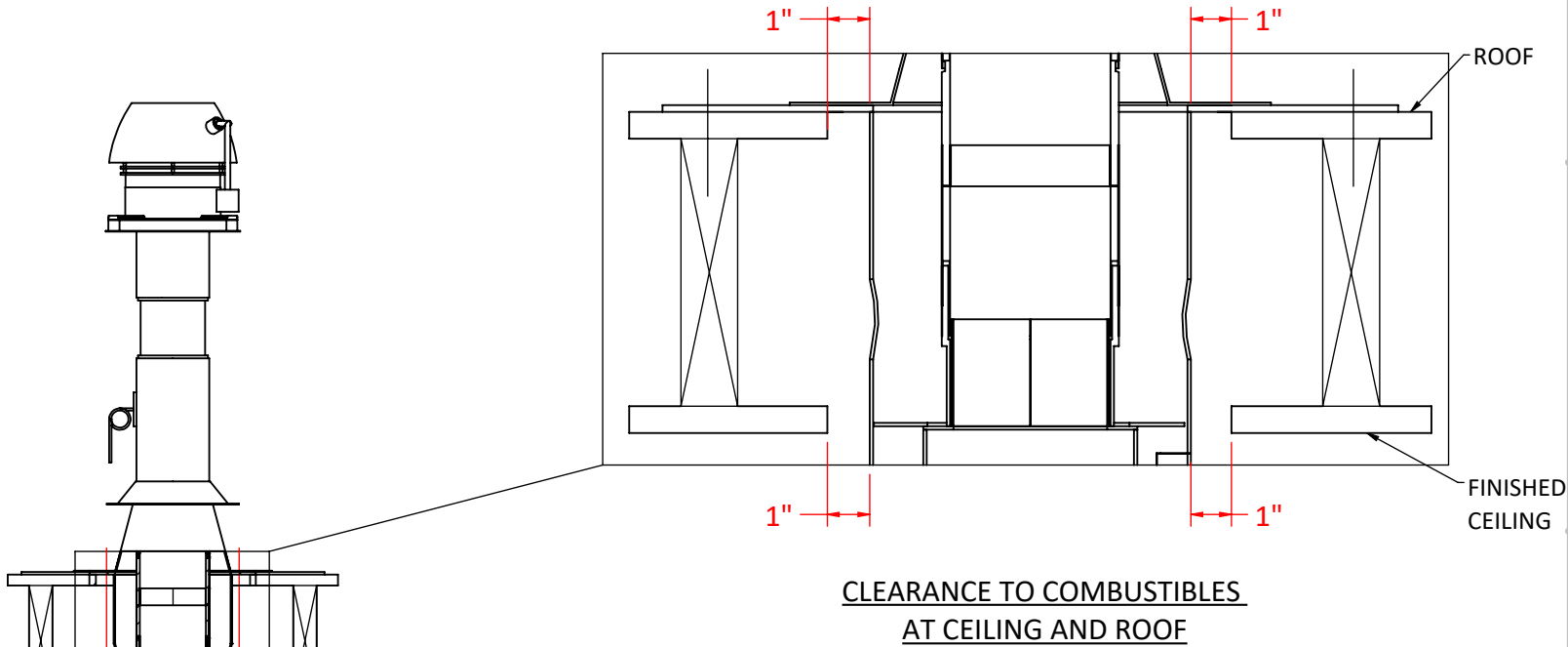
DO NOT SCALE DRAWING

REV  
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A



CLEARANCE TO COMBUSTIBLES



- CLEARANCE TO COMBUSTIBLES:
- 12" from hood & fireplace body. 1" where the anchor or flue crosses the ceiling & roof.
  - A minimum 12" distance between a combustible wall and fireplace body is required.
  - Non-combustible floor material required under the fireplace.

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REV

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UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES

TOLERANCES:

FRACTIONAL  $\pm 1/16$

ANGULAR: MACH  $\pm 1^\circ$  BEND  $\pm 0.5^\circ$

TWO PLACE DECIMAL  $\pm 0.01$

THREE PLACE DECIMAL  $\pm 0.005$



DESCRIPTION

Clearance to Combustibles

DRAWN

NAME

DATE

(mm/dd/yyyy)

CHECKED

MV

2020-06-26

SIZE B SHEET 5 OF 7

DO NOT SCALE DRAWING

APPROVED

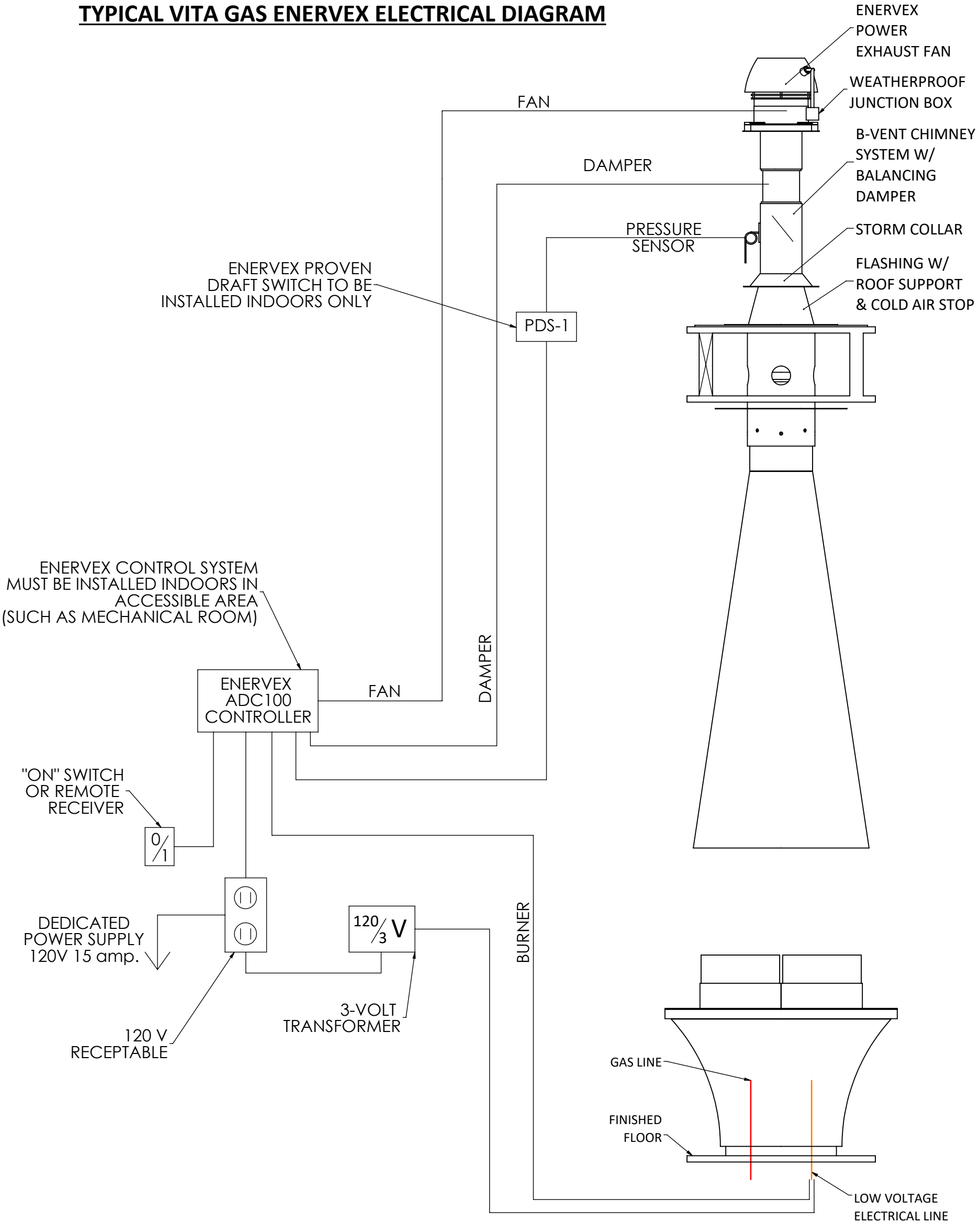
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NA

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TYPICAL VITA GAS ENERVEX ELECTRICAL DIAGRAM



SCHEMATIC ENERVEX SYSTEM  
AS PER ENERVEX MANUALS/MEP  
REQUIREMENTS

SEE PAGE 11 OF ENERVEX ADC100  
MANUAL

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UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL ± 1/16  
ANGULAR: MACH ± 1° BEND ± 0.5°  
TWO PLACE DECIMAL ± 0.01  
THREE PLACE DECIMAL ± 0.005



DESCRIPTION  
Electrical Diagram

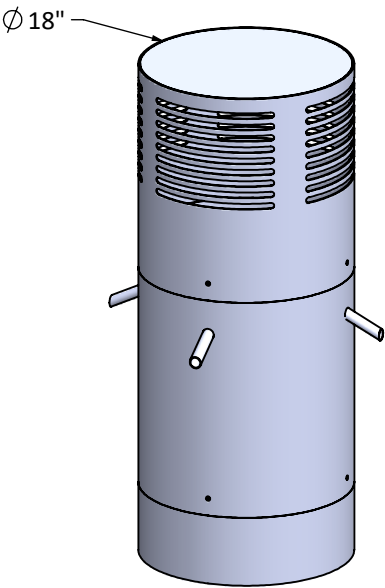
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APPROVED	--	NA

SIZE B SHEET 6 OF 7

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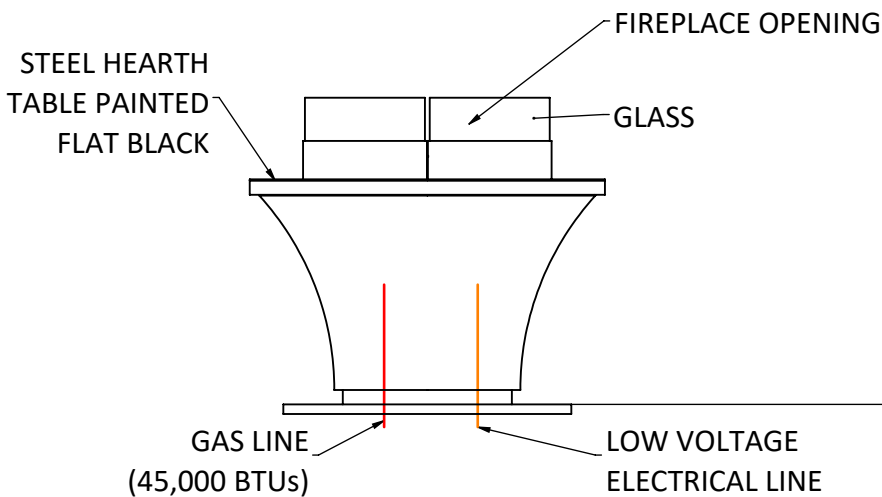
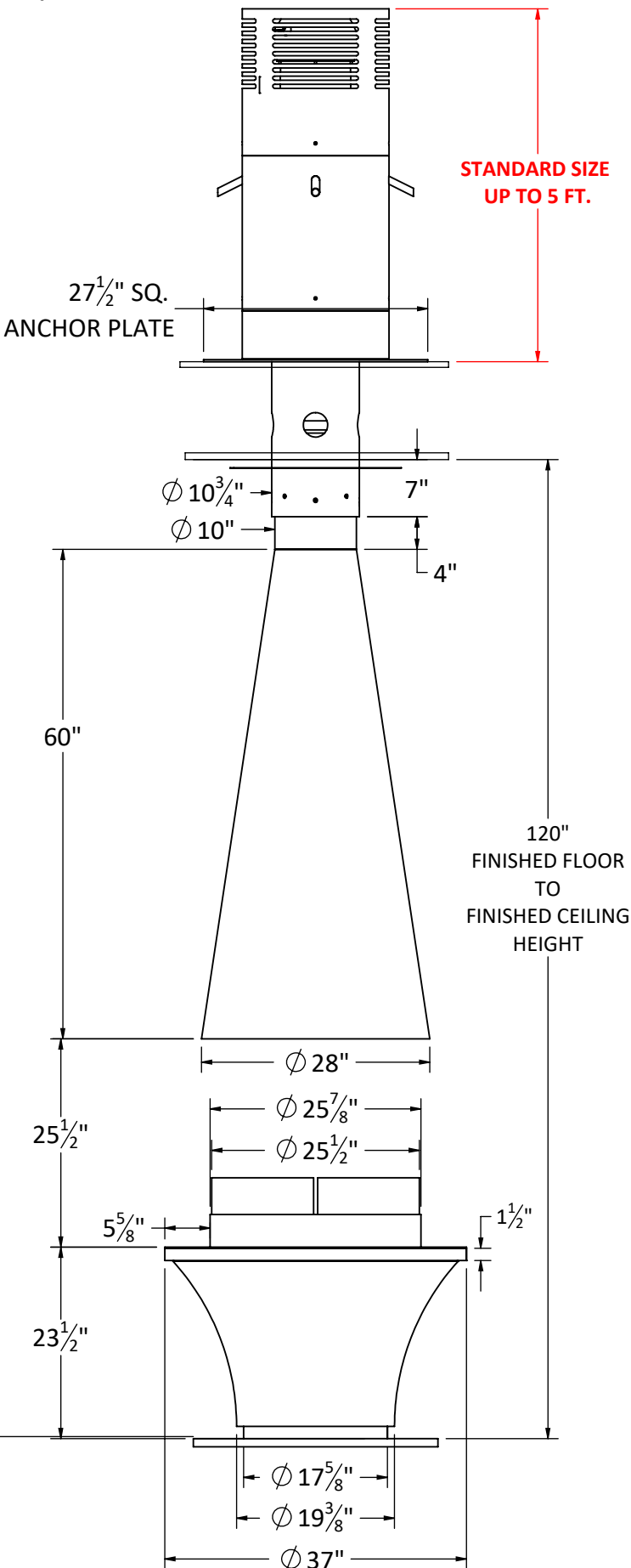
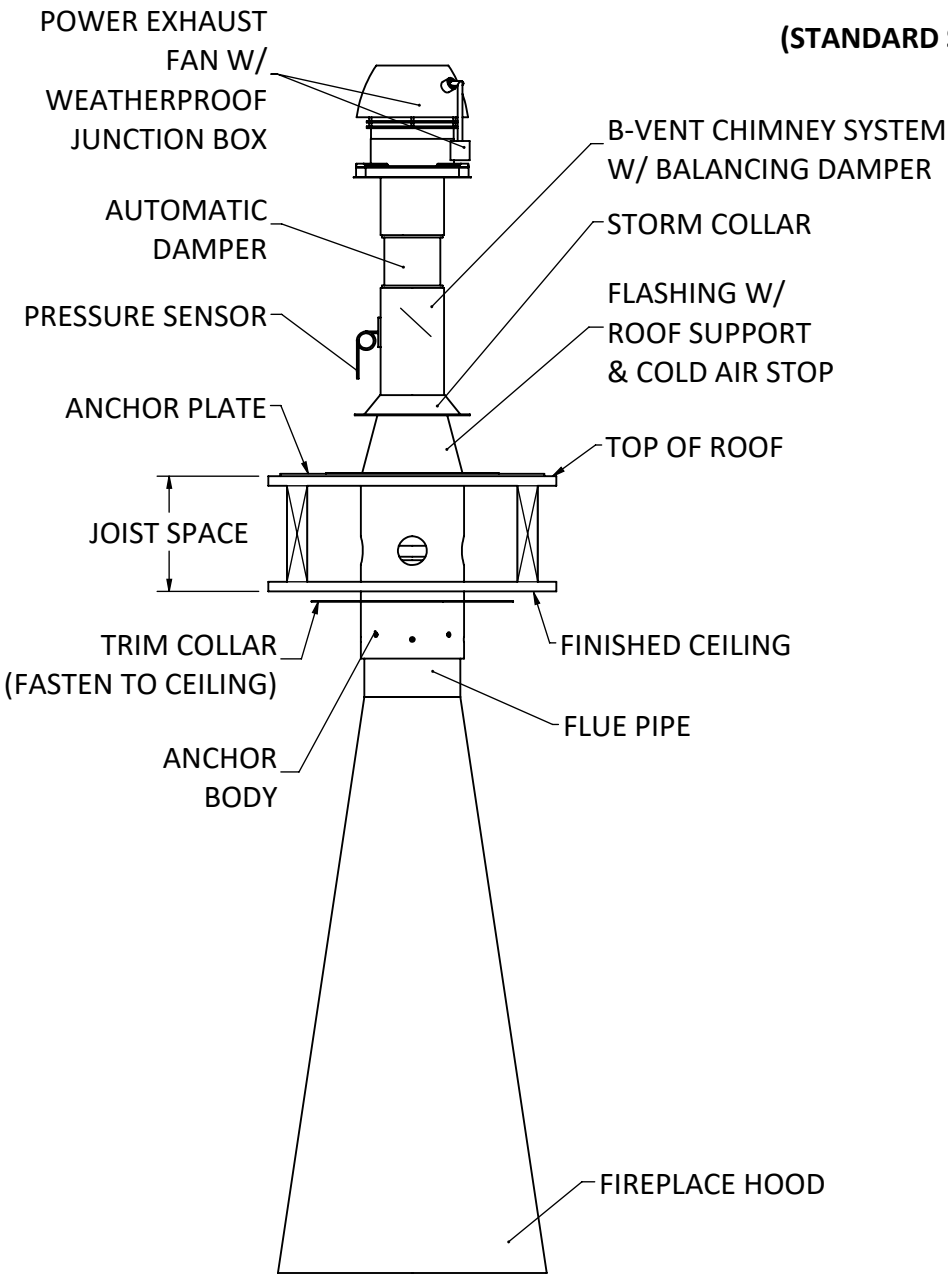
OPTIONAL DECORATIVE CHIMNEY COVER (ROUND)



WITHOUT DECORATIVE CHIMNEY COVER

WITH DECORATIVE CHIMNEY COVER

(STANDARD SIZE UP TO 5 FT.)



FRONT ELEVATION

SIDE ELEVATION

Shown with Standard 10 ft. Flat Ceiling Application & Gas Burner Custom Lengths & Anchor Options Available

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TWO PLACE DECIMAL  $\pm 0.01$

THREE PLACE DECIMAL  $\pm 0.005$



DESCRIPTION

Decorative Cover

DRAWN

NAME

DATE

CHECKED

MV

2020-06-26

SIZE B

SHEET 7 OF 7

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NA

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