

VITA | Fireplaces

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



Image shown is for illustration purpose and may include some optional features.

LUCIJA | Single-Sided Suspended Gas Fireplace

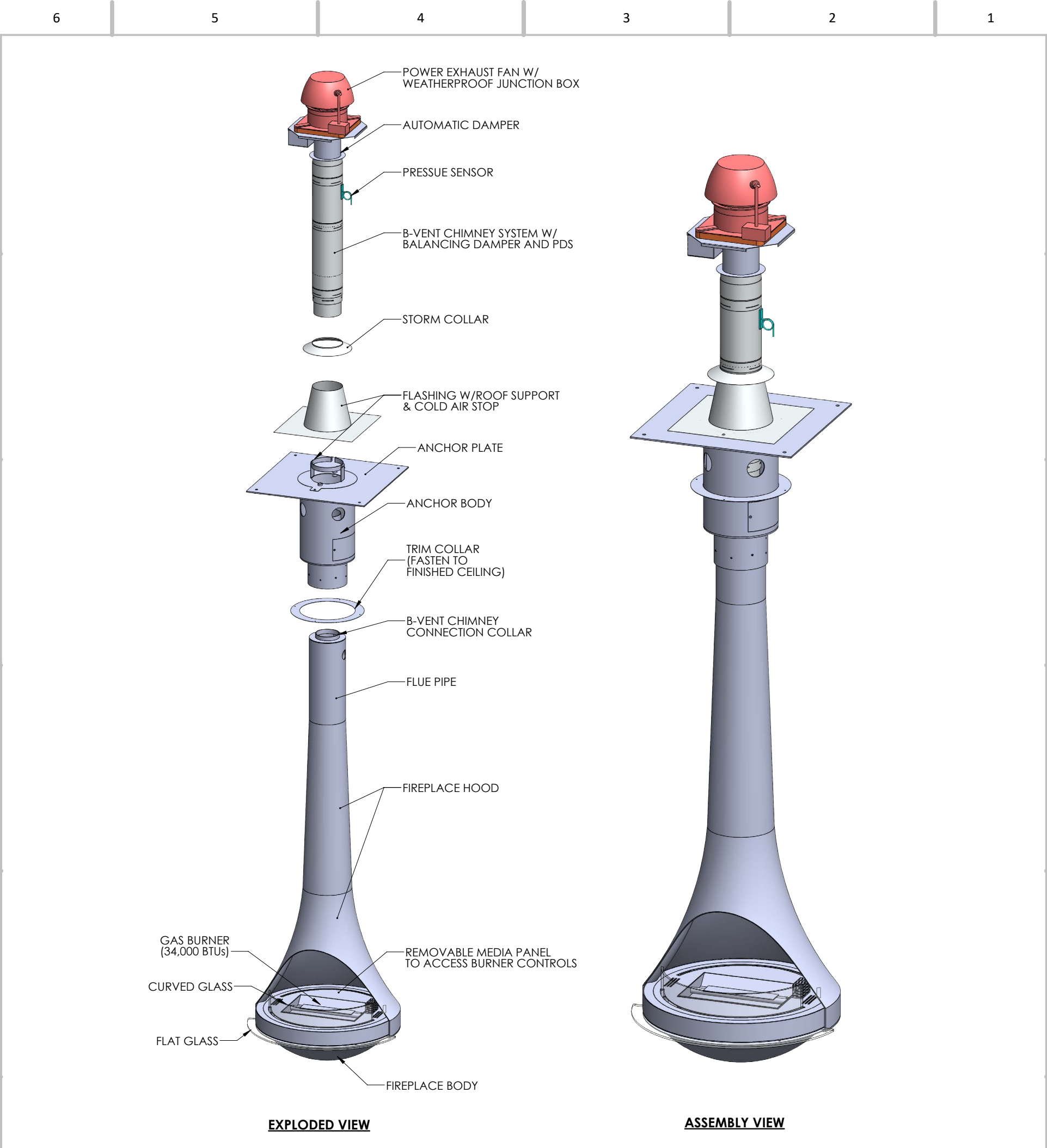


Fireplaces have been tested and proved to comply with ANSI Z21.50/CSA 2.22 Vented Gas Fireplace. Certified under: ICC-ES PMG-1290

PRODUCT LAYOUT PACKAGE (VERTICAL TERMINATION)

2025-12-19

CF + D | custom fireplace design
www.customfireplacedesign.com



LUCIJA | Single-Sided Suspended 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. 34,000 BTUs.
- Propane Burner: approx. 37,000 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 Flat Black finish.
- Custom Client finishes are available by request. Sample required.
- Dedicated wall switch required for operation.
- 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.
- 250CFM of make-up air recommended.
- The height of the chimney vent must extend a minimum of 2 ft. above the roof exit.

STANDARD PRODUCT WEIGHTS		
SR. NO.	COMPONENT REFERENCE	WEIGHT
1	ANCHOR (ϕ 12" x 24" Long)	90 lbs. approx.
2	FLUE & HOOD	80 lbs. approx.
3	FIREPLACE BODY	210 lbs. approx.
TOTAL FIREPLACE WEIGHT (FOR 9 FT. CEILING APPLICATION)		380 lbs. approx.
*Each add'l. 1 ft. of flue pipe weighs : approx. 11 lbs.		
*Each add'l. 1 ft. of anchor pipe weighs : approx. 17 lbs.		

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
LUCIJA | Single-Sided Suspended Gas Fireplace

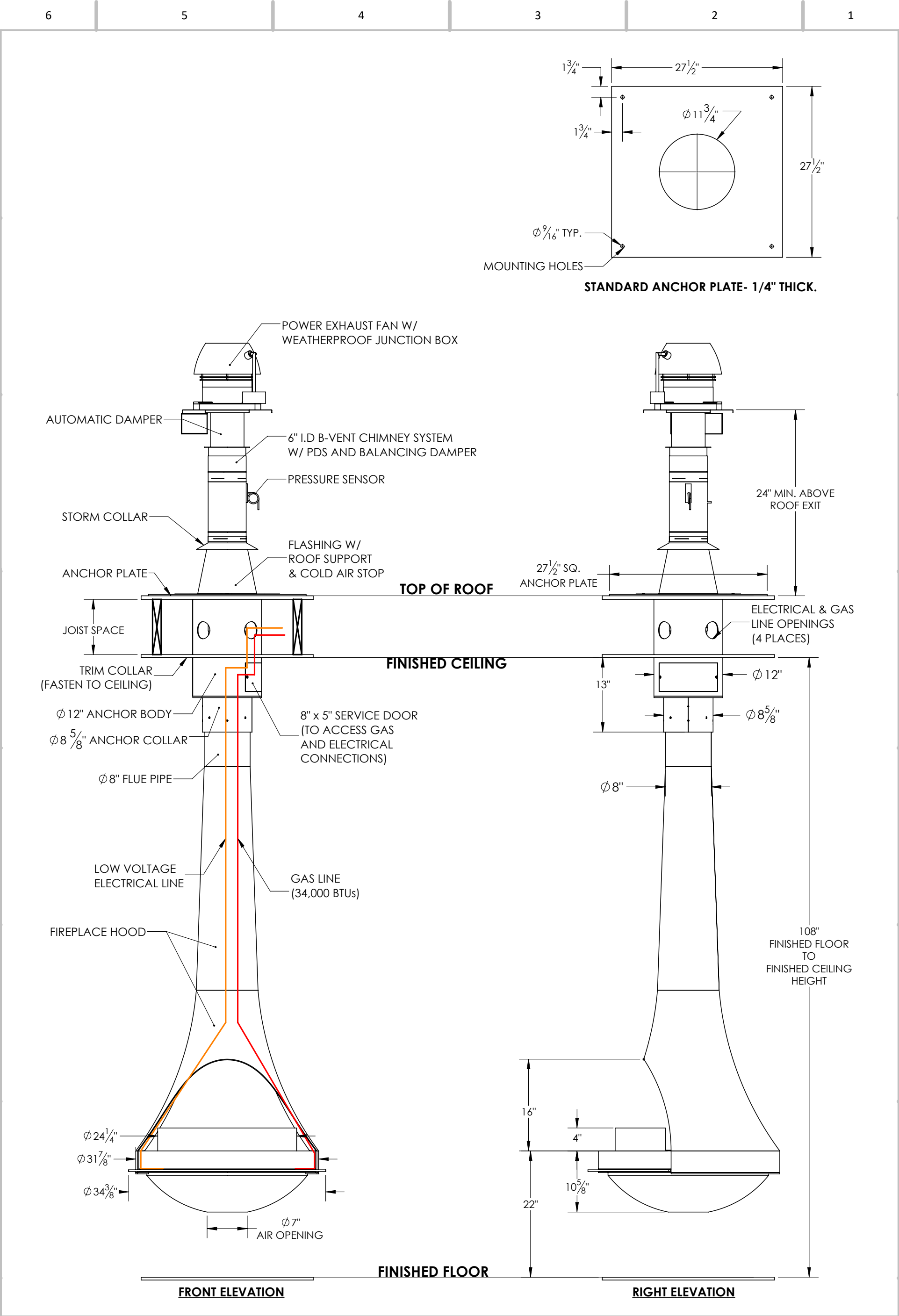
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/16$
ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 0.5^\circ$
TWO PLACE DECIMAL ± 0.01
THREE PLACE DECIMAL ± 0.005

DESCRIPTION
Assembly View

	NAME	DATE (mm/dd/yyyy)
DRAWN	PT	2025-12-19
CHECKED	BV	2025-12-19
APPROVED	--	NA

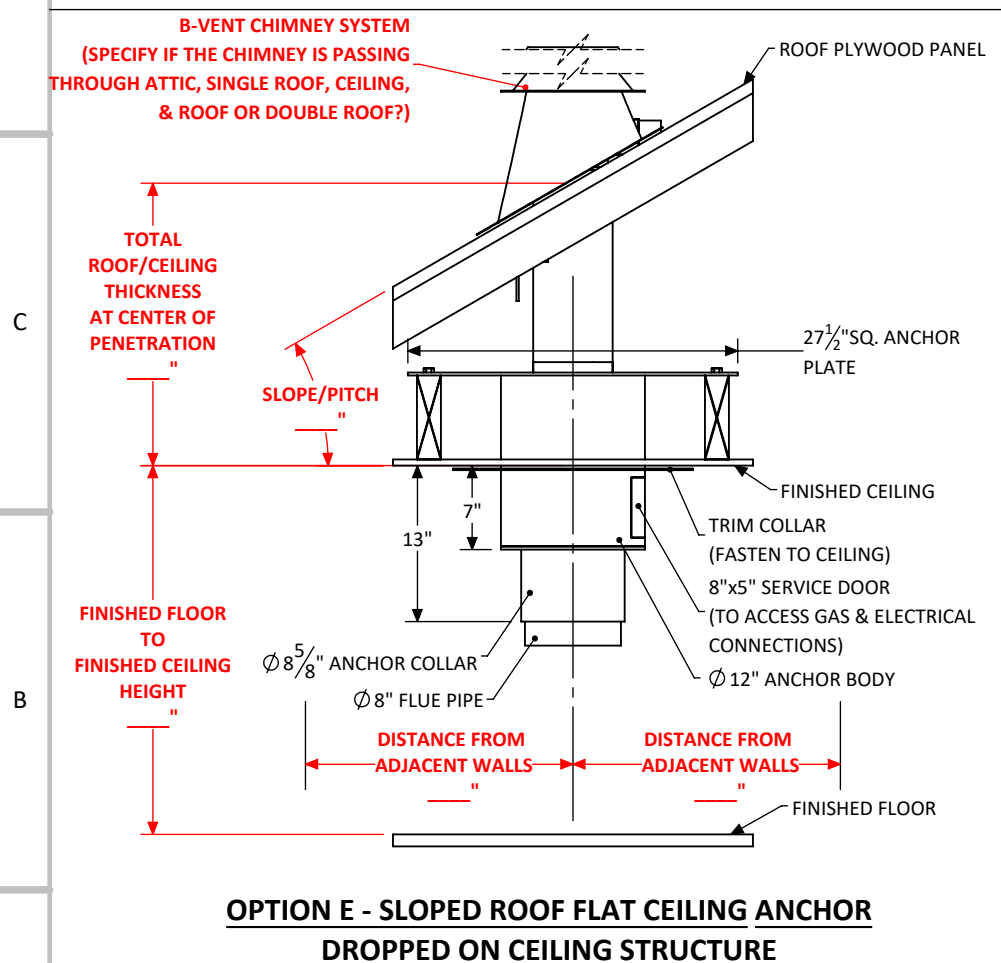
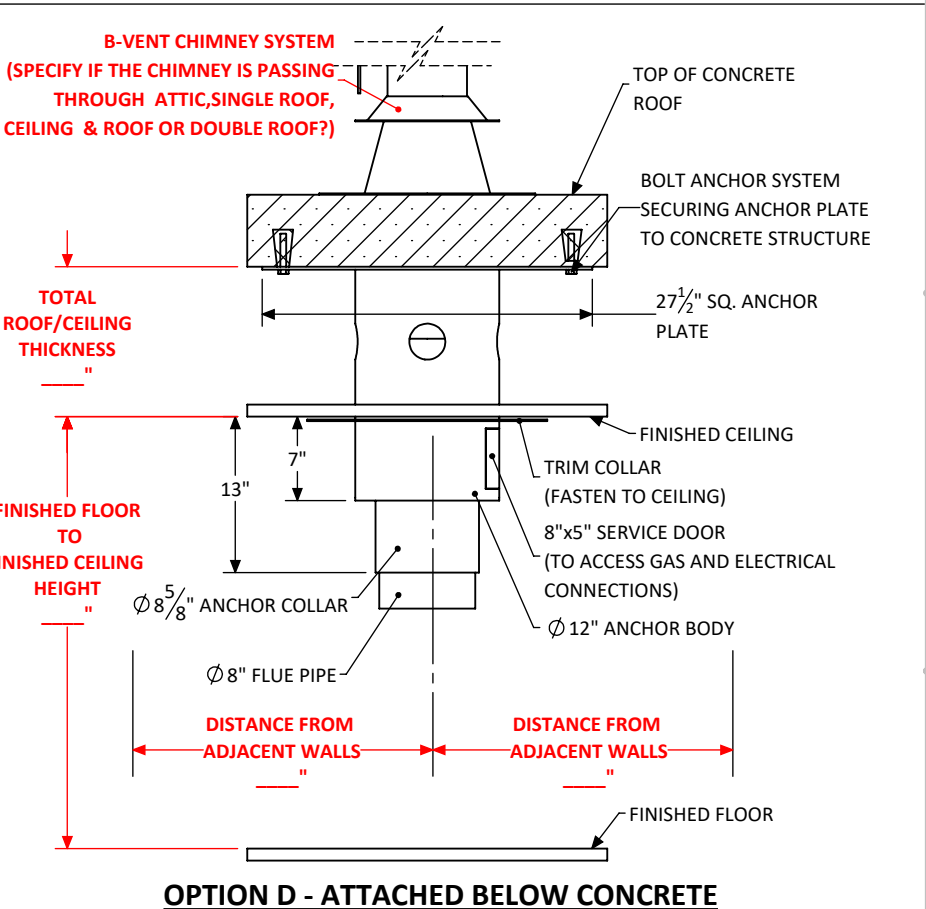
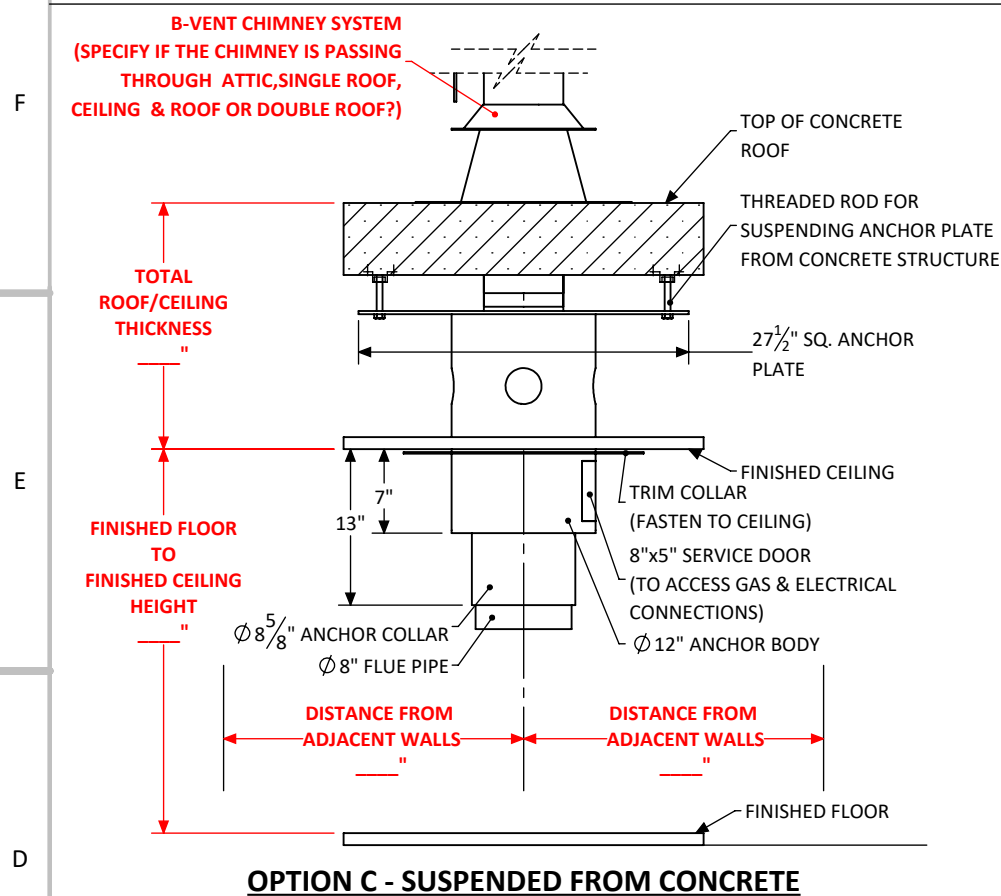
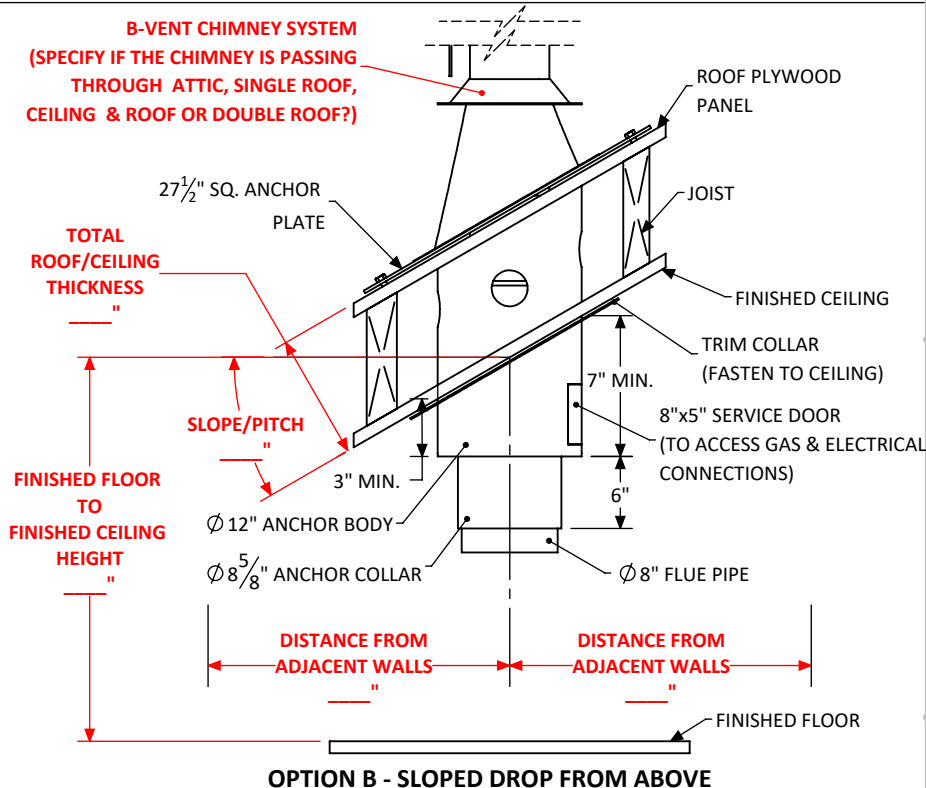
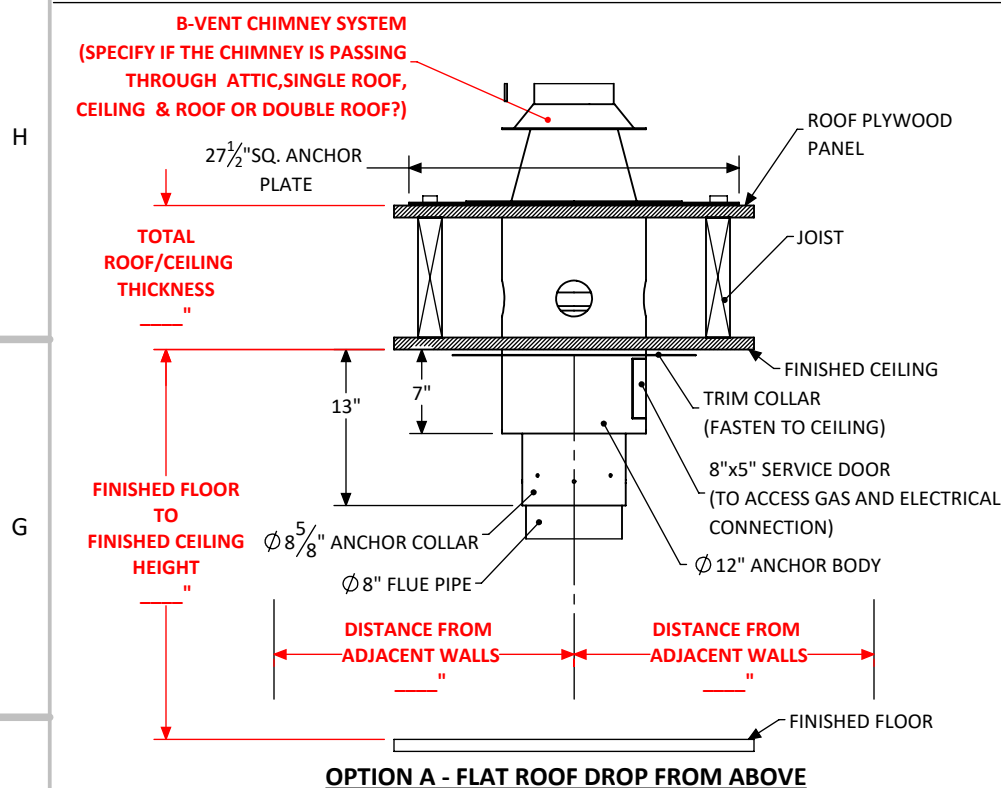
REV
0

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CUSTOM FIREPLACE DESIGN.
ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM FIREPLACE DESIGN IS PROHIBITED.



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		REV			
	LUCIJA Single-Sided Suspended Gas Fireplace		0			
	UNLESS OTHERWISE SPECIFIED		DESCRIPTION			
	DIMENSIONS ARE IN INCHES					
	TOLERANCES:					
FRACTIONAL ± 1/16			NAME	DATE		
ANGULAR: MACH ± 1° BEND ± 0.5°		DRAWN	PT	2025-12-19		
TWO PLACE DECIMAL ± 0.01		CHECKED	BV	2025-12-19		
THREE PLACE DECIMAL ± 0.005						
PROPRIETARY AND CONFIDENTIAL	SIZE B SHEET 3 OF 7		DO NOT SCALE DRAWING	APPROVED	--	NA
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CUSTOM FIREPLACE DESIGN. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM FIREPLACE DESIGN IS PROHIBITED.						

CUSTOM ANCHOR OPTIONS AVAILABLE (PLEASE FILL IN THE BLANKS AS PER SITE SPECIFIC DETAILS)



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

PROPRIETARY AND CONFIDENTIAL

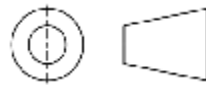
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CUSTOM FIREPLACE DESIGN.
ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM FIREPLACE DESIGN IS PROHIBITED.

PROJECT
LUCIJA | Single-Sided Suspended Gas Fireplace

REV
0

UNLESS OTHERWISE SPECIFIED

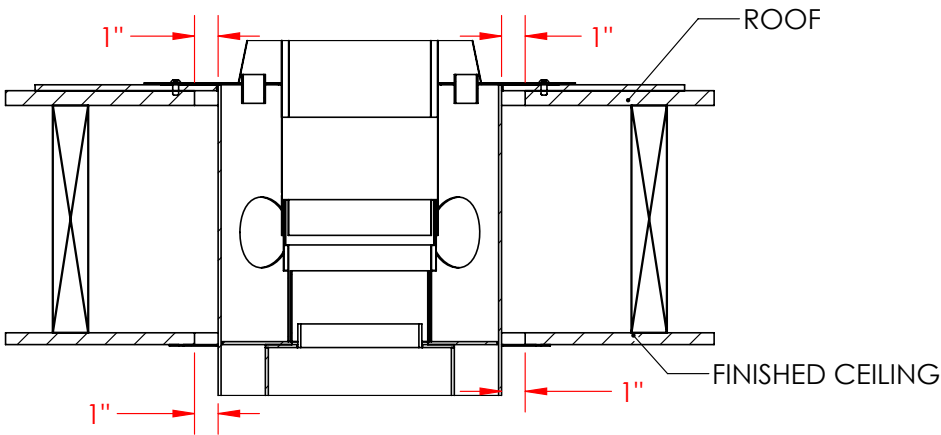
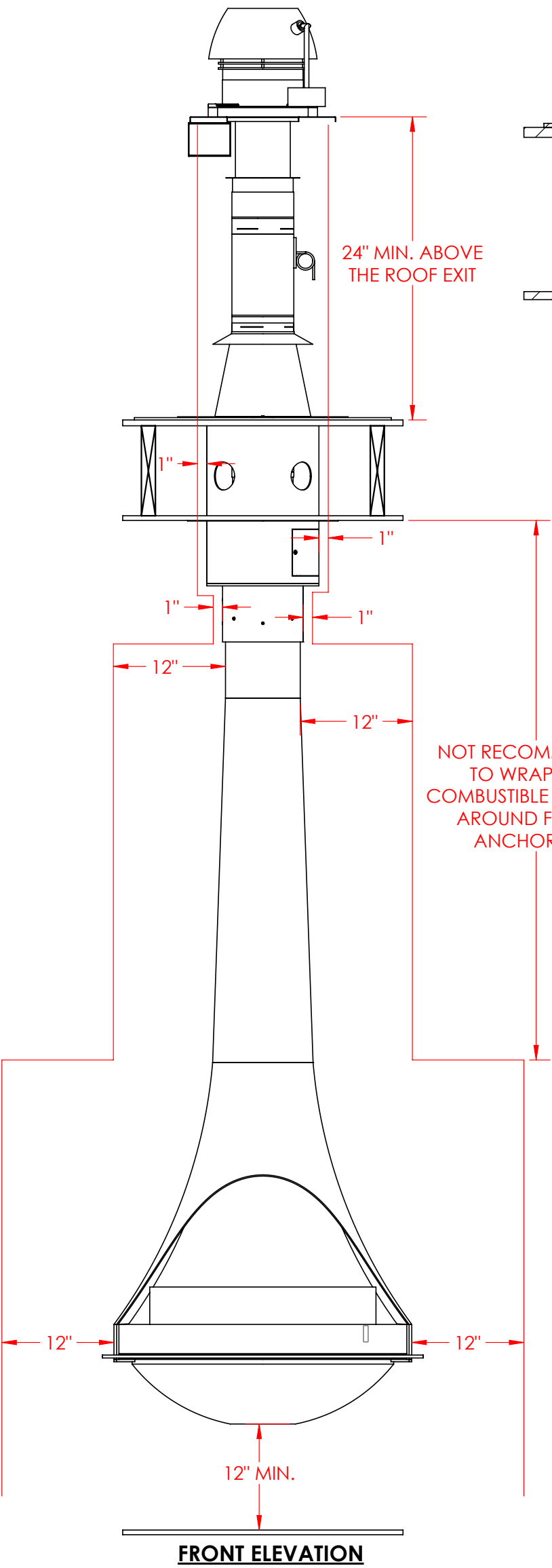
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL $\pm 1/16$
ANGULAR: MACH $\pm 1^\circ$ BEND $\pm 0.5^\circ$
TWO PLACE DECIMAL ± 0.01
THREE PLACE DECIMAL ± 0.005



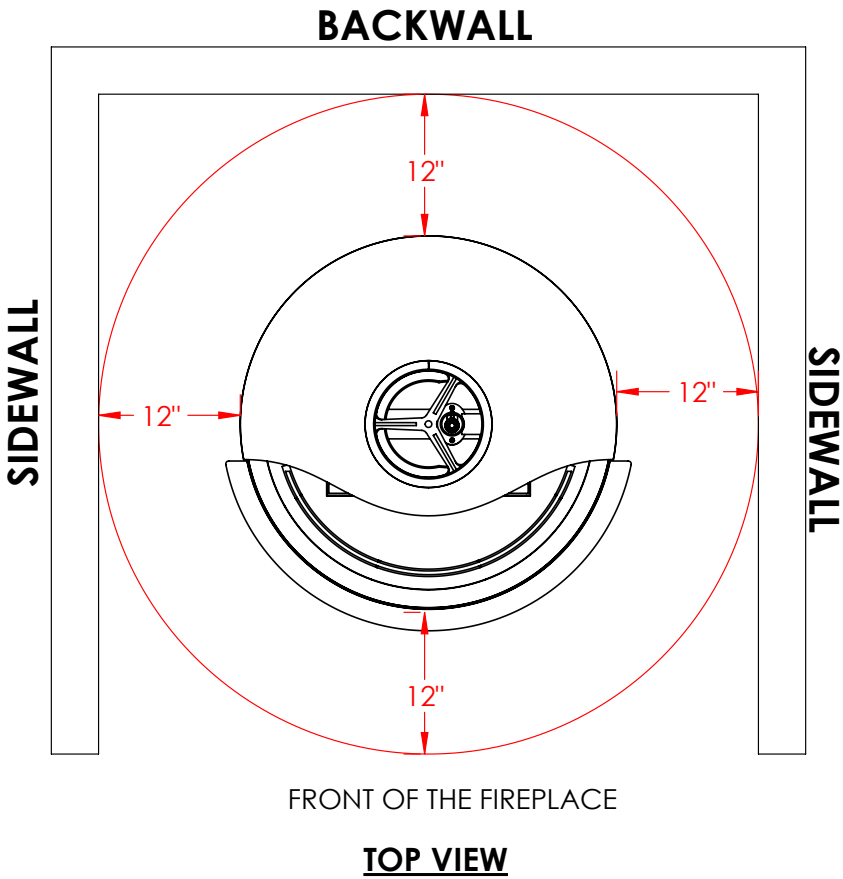
DESCRIPTION
Anchor Options

	NAME	DATE (mm/dd/yyyy)
DRAWN	pjani	2020-06-21
CHECKED	MV	2020-06-21
APPROVED	--	NA

CLEARANCE TO COMBUSTIBLES



CLEARANCE TO COMBUSTIBLES
AT CEILING AND ROOF



CLEARANCE TO COMBUSTIBLES
AROUND FIREPLACE BODY

- CLEARANCE TO COMBUSTIBLES:
- Minimum 12" from floor to bottom of fireplace.
 - Minimum 12" around the fireplace body and flue pipe.
 - Minimum 1" where the anchor passes through the ceiling/roof.
 - Minimum 1" around the chimney components.

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
LUCIJA | Single-Sided Suspended 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 ± 0.01
THREE PLACE DECIMAL ± 0.005



DESCRIPTION
Clearance to Combustibles

	NAME	DATE (mm/dd/yyyy)
DRAWN	PT	2025-12-19
CHECKED	BV	2025-12-19
APPROVED	--	NA

SIZE **B** SHEET 5 OF 7

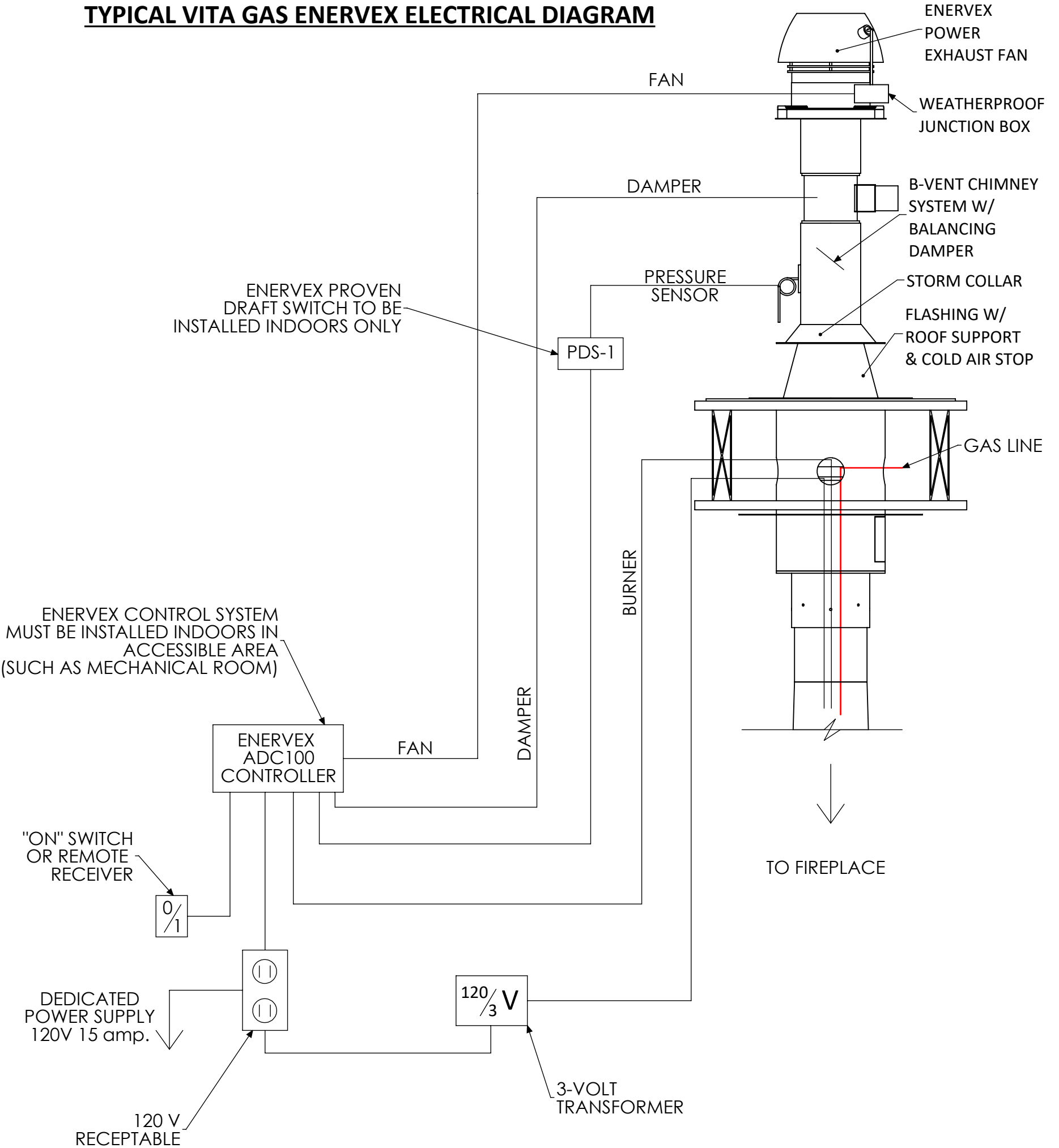
DO NOT SCALE DRAWING

REV
0

A

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CUSTOM FIREPLACE DESIGN.
ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM FIREPLACE DESIGN IS PROHIBITED.

TYPICAL VITA GAS ENERVEX ELECTRICAL DIAGRAM



SCHEMATIC ENERVEX SYSTEM
AS PER ENERVEX MANUALS/MEP
REQUIREMENTS

SEE PAGE 11 OF ENERVEX ADC100
MANUAL

NOTE: Dedicated wall switch
required for operation.

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
LUCIJA | Single-Sided Suspended 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 ± 0.01
THREE PLACE DECIMAL ± 0.005



DESCRIPTION
Electrical Diagram

	NAME	DATE (mm/dd/yyyy)
DRAWN	mpanchal	2020-06-21
CHECKED	MV	2020-06-21
APPROVED	--	NA

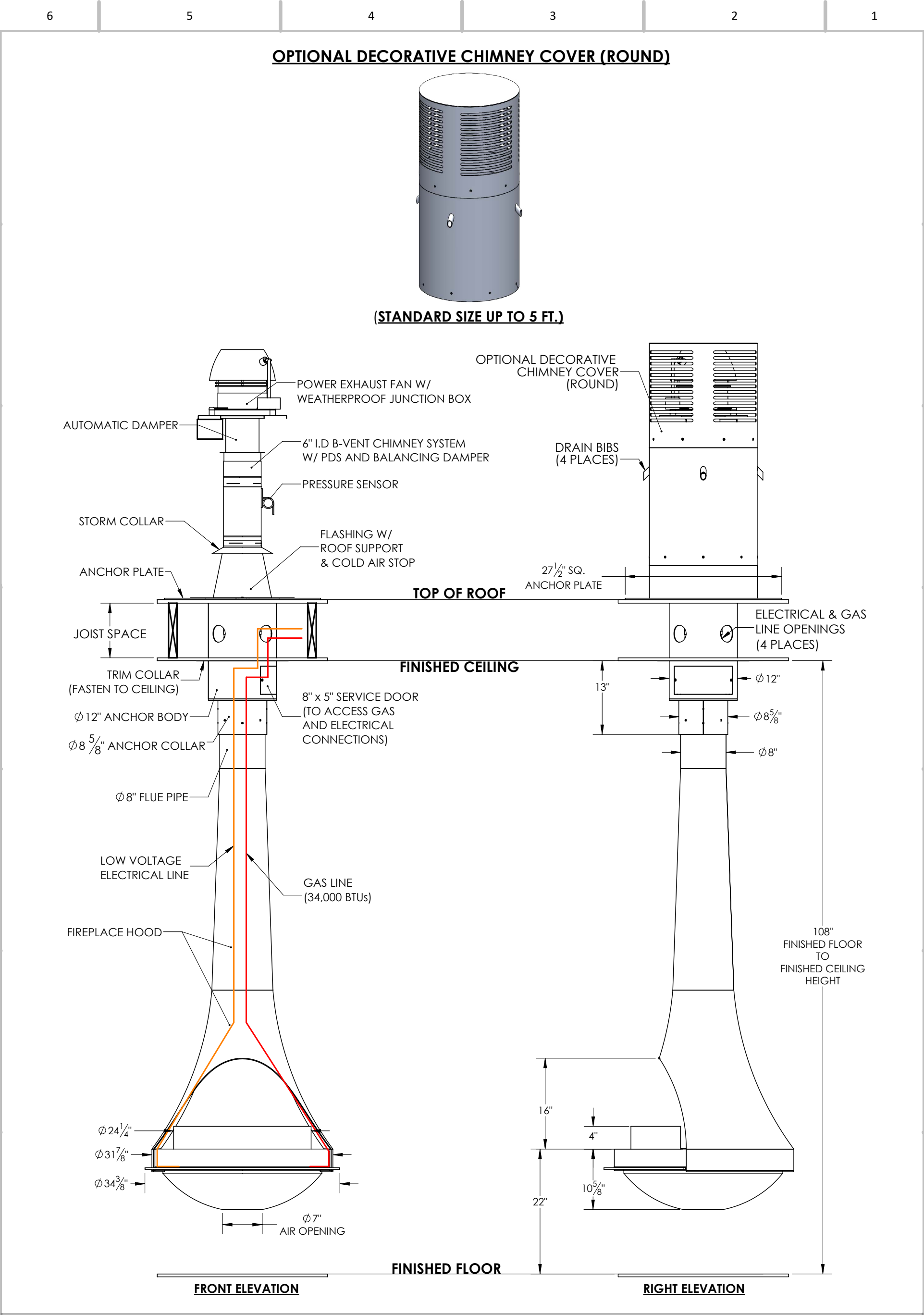
SIZE B SHEET 6 OF 7

DO NOT SCALE DRAWING

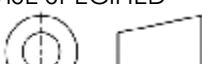
REV
0

A

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CUSTOM FIREPLACE DESIGN.
ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM FIREPLACE DESIGN IS PROHIBITED.



Shown with Standard 9 ft. Flat Ceiling Application & Gas Burner Custom Lengths & Anchor Options Available

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		REV		
	LUCIJA Single-Sided Suspended Gas Fireplace		0		
	UNLESS OTHERWISE SPECIFIED		DESCRIPTION		
	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16 ANGULAR: MACH ± 1° BEND ±0.5° TWO PLACE DECIMAL ± 0.01 THREE PLACE DECIMAL ± 0.005 		Decorative Cover Options		
				NAME	DATE (mm/dd/yyyy)
			DRAWN	PT	2025-12-19
	CHECKED	BV	2025-12-19		
SIZE B SHEET 7 OF 7		DO NOT SCALE DRAWING	APPROVED		
		--	NA		

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CUSTOM FIREPLACE DESIGN. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CUSTOM FIREPLACE DESIGN IS PROHIBITED.