

VITA | Fireplaces

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



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

NICO | Suspended Hood with Base Gas Fireplace



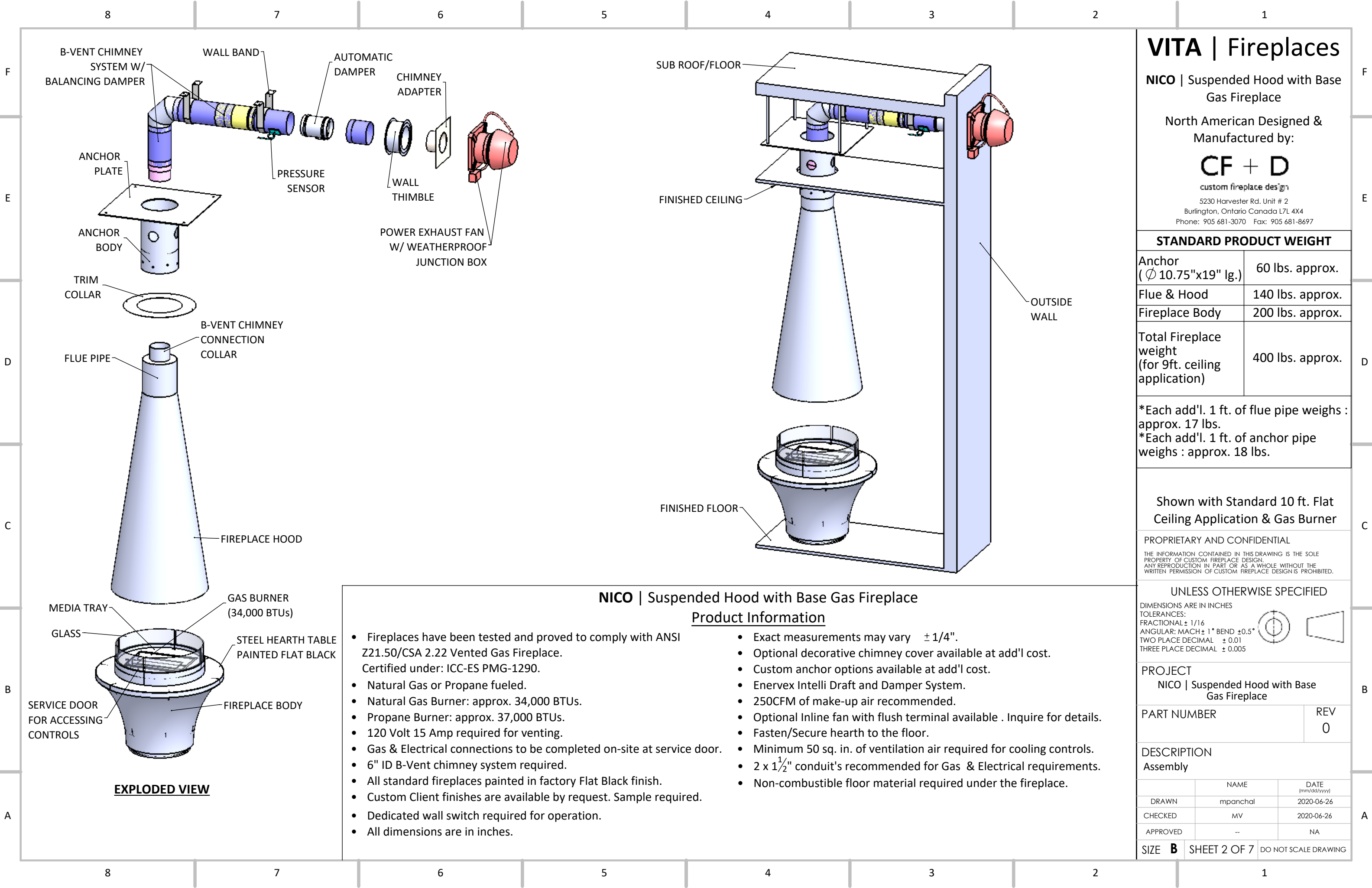
Fireplaces have been tested and proved to comply with ANSI Z21.50/CSA 2.22 Vented Gas Fireplace. Certified under: ICC-ES PMG-1290

PRODUCT LAYOUT PACKAGE (HORIZONTAL TERMINATION)

2020-06-26

CF + D | custom fireplace design

www.customfireplacedesign.com



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NICO | Suspended Hood with Base Gas Fireplace

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

STANDARD PRODUCT WEIGHT

Anchor ($\varnothing$ 10.75"x19" lg.)	60 lbs. approx.
Flue & Hood	140 lbs. approx.
Fireplace Body	200 lbs. approx.
Total Fireplace weight (for 9ft. ceiling application)	400 lbs. approx.

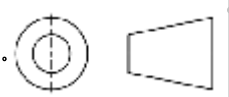
*Each add'l. 1 ft. of flue pipe weighs : approx. 17 lbs.
*Each add'l. 1 ft. of anchor pipe weighs : approx. 18 lbs.

Shown with Standard 10 ft. Flat Ceiling Application & Gas Burner

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.

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



PROJECT
NICO | Suspended Hood with Base Gas Fireplace

PART NUMBER	REV 0
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DESCRIPTION
Assembly

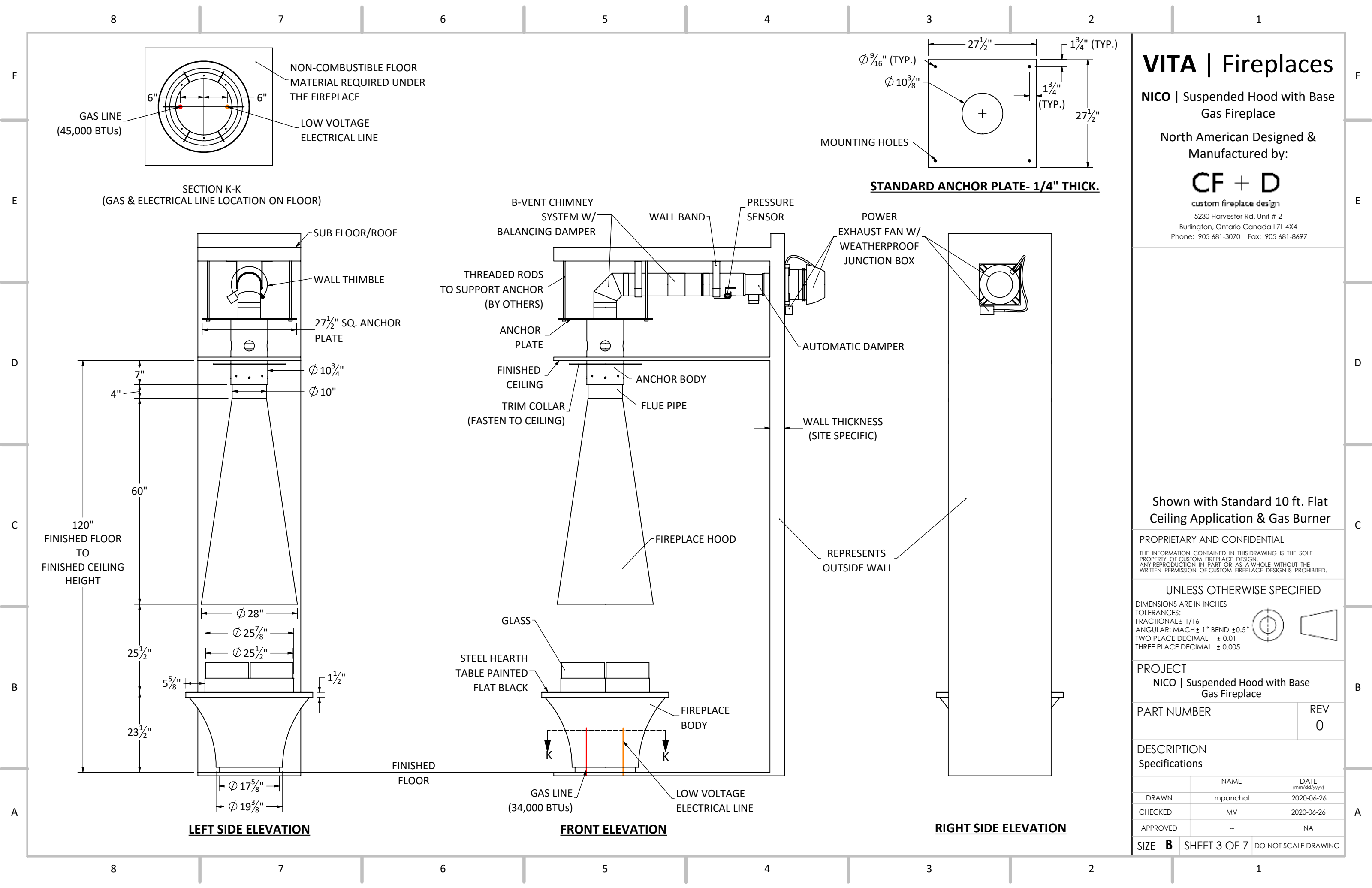
	NAME	DATE (mm/dd/yyyy)
DRAWN	mpanchal	2020-06-26
CHECKED	MV	2020-06-26
APPROVED	--	NA

SIZE **B** SHEET 2 OF 7 DO NOT SCALE DRAWING

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. 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.
- Enervex Intelli Draft and Damper System.
- 250CFM of make-up air recommended.
- Optional Inline fan with flush terminal available . Inquire for details.
- 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.



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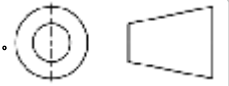
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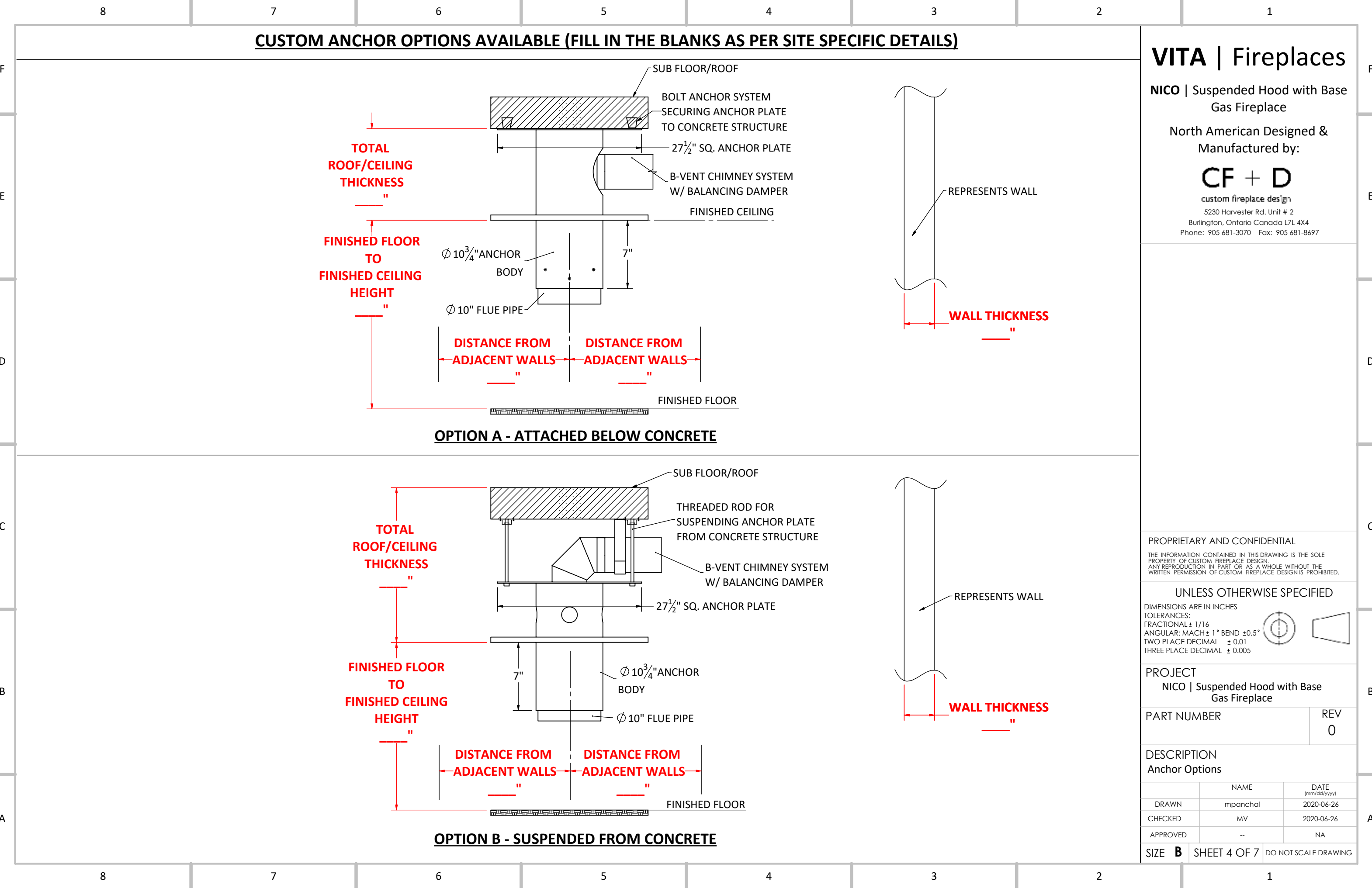
PROJECT
NICO | Suspended Hood with Base Gas Fireplace

PART NUMBER	REV 0
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DESCRIPTION
Specifications

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APPROVED	--	NA

SIZE **B** SHEET 3 OF 7 DO NOT SCALE DRAWING



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.

ENERVEX CONTROL SYSTEM
MUST BE INSTALLED INDOORS IN
ACCESSIBLE AREA
(SUCH AS MECHANICAL ROOM)

ENERVEX PROVEN
DRAFT SWITCH TO BE
INSTALLED INDOORS ONLY

PDS-1

ENERVEX
ADC100
CONTROLLER

"ON" SWITCH
OR REMOTE
RECEIVER

0/1

DEDICATED
POWER SUPPLY
120V 15 amp.

120 V
RECEPTABLE

120/3 V

3-VOLT
TRANSFORMER

BURNER

GAS LINE

FIREPLACE
BODY

FINISHED FLOOR

LOW VOLTAGE
ELECTRICAL LINE

FAN

DAMPER

PRESSURE
SENSOR

B-VENT CHIMNEY
SYSTEM
W/ BALANCING
DAMPER

ENERVEX
POWER
EXHAUST
FAN

WEATHER PROOF
JUNCTION BOX

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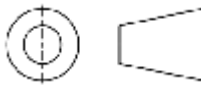
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PROJECT

NICO | Suspended Hood with Base Gas
Fireplace

PART NUMBER

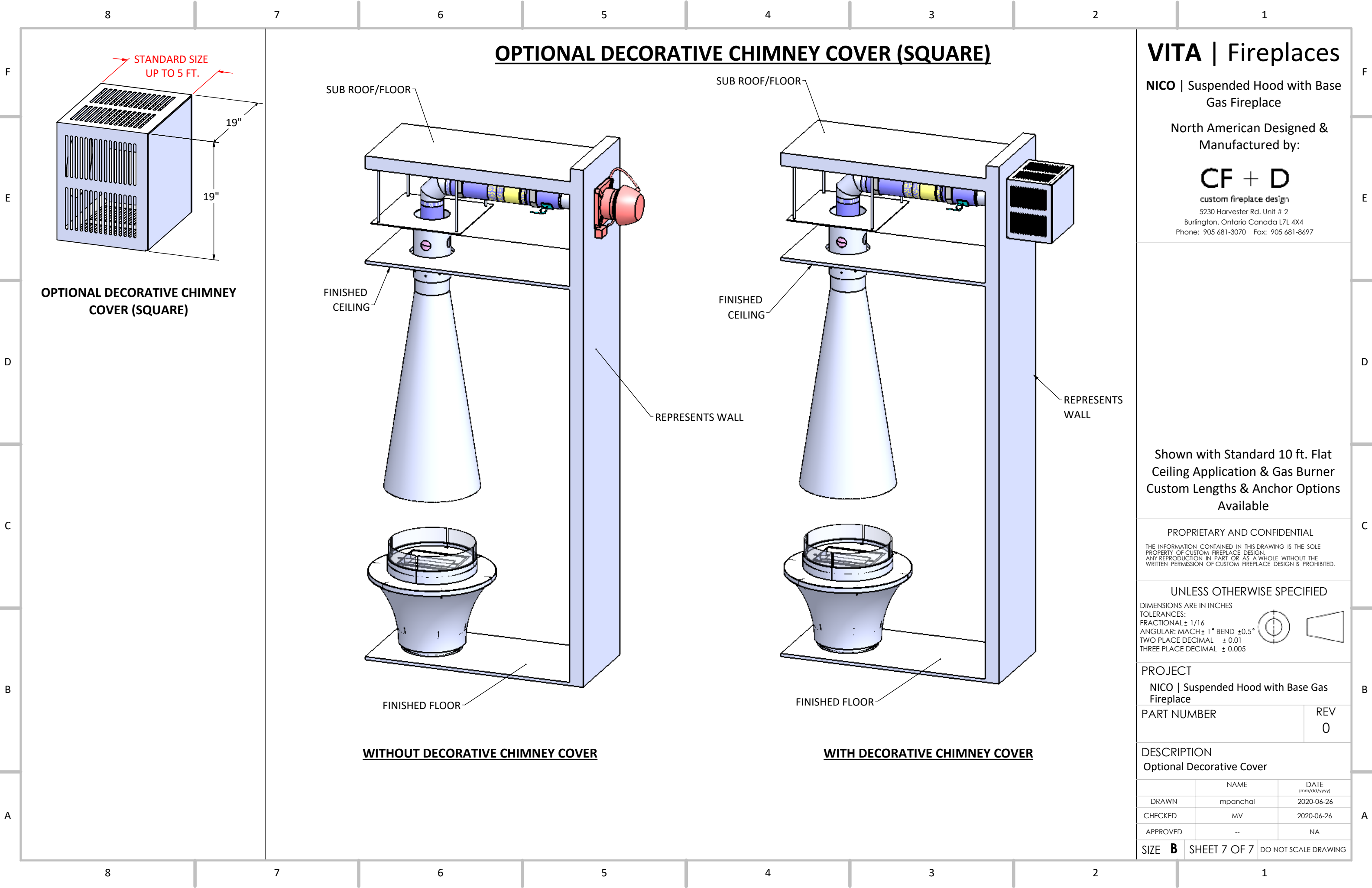
REV
0

DESCRIPTION

Electrical Diagram

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SIZE **B** SHEET 6 OF 7 DO NOT SCALE DRAWING



OPTIONAL DECORATIVE CHIMNEY COVER (SQUARE)

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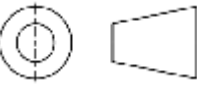
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DESCRIPTION
Optional Decorative Cover

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APPROVED	--	NA

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