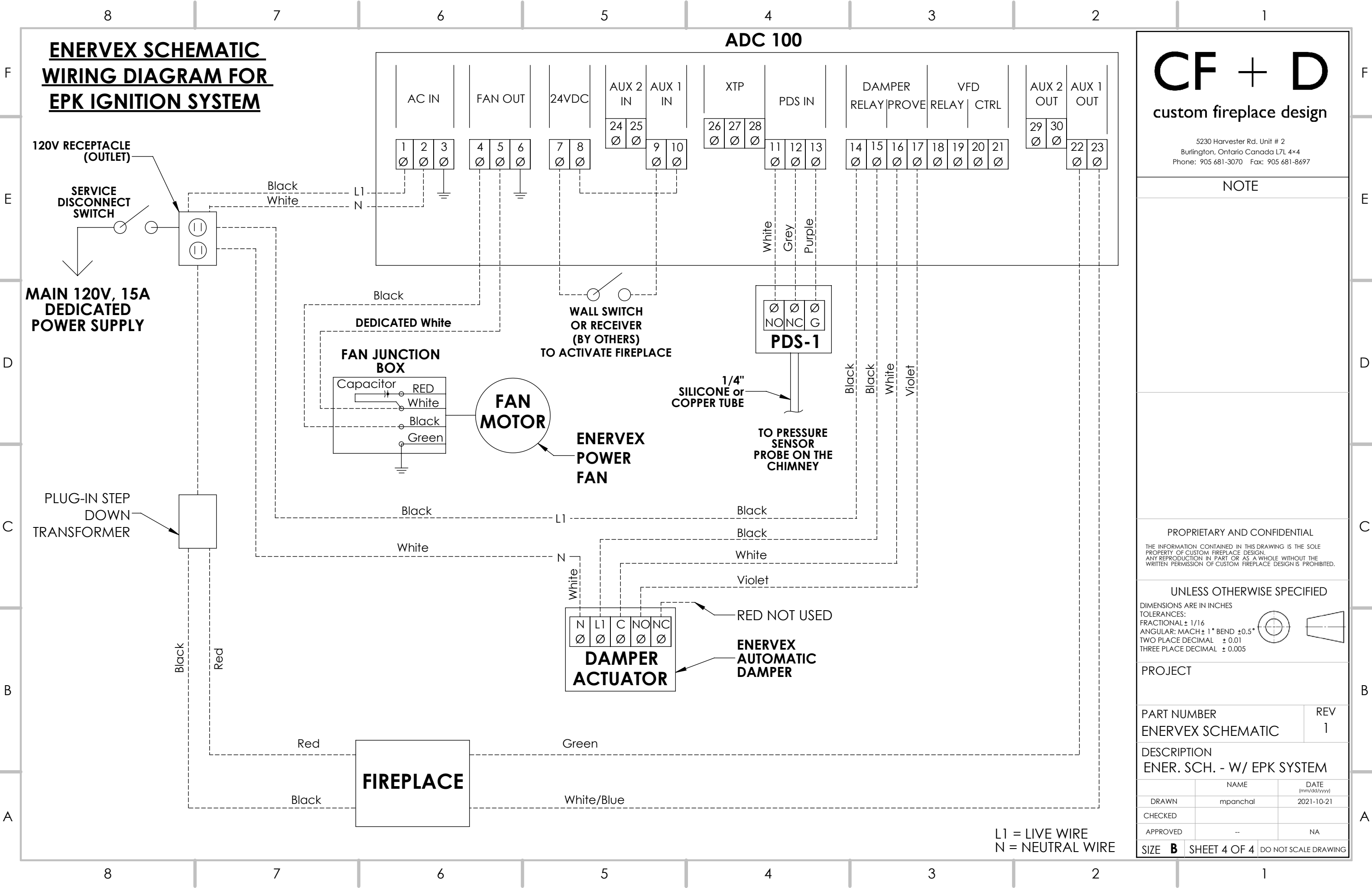




**ENERVEX SCHEMATIC
WIRING DIAGRAM FOR
EPK IGNITION SYSTEM**

ADC 100

CF + D

custom fireplace design

5230 Harvester Rd. Unit # 2
Burlington, Ontario Canada L7L 4x4
Phone: 905 681-3070 Fax: 905 681-8697

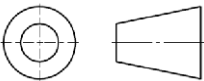
NOTE

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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 ± 0.01
THREE PLACE DECIMAL ± 0.005



PROJECT

PART NUMBER
ENERVEX SCHEMATIC

REV
1

DESCRIPTION
ENER. SCH. - W/ EPK SYSTEM

	NAME	DATE (mm/dd/yyyy)
DRAWN	mpanchal	2021-10-21
CHECKED		
APPROVED	--	NA

SIZE **B** SHEET 4 OF 4 DO NOT SCALE DRAWING

**TYPICAL GAS ENERVEX ELECTRICAL
DIAGRAM FOR VERTICAL TERMINATION**

SCHEMATIC ENERVEX SYSTEM AS
PER ENERVEX MANUALS/MEP
REQUIREMENTS

SEE PAGE 11 OF ENERVEX
ADC100 MANUAL

ENERVEX POWER EXHAUST FAN W/
WEATHERPROOF JUNCTION BOX

AUTOMATIC DAMPER

WEATHERPROOF
JUNCTION BOX

PRESSURE
SENSOR
PROBE

CHIMNEY SYSTEM

1/4" SILICONE TUBE (6FT. SUPPLIED) FROM PDS-1 SWITCH TO
PRESSURE SENSOR. ADDITIONAL LENGTH TO BE COVERED
BY OTHER USING 1/4" COPPER TUBE (BY OTHERS)

120V FROM ADC100 CONTROLLER TO POWER
EXHAUST FAN WEATHERPROOF JUNCTION (BY OTHERS)

120V FROM ADC100 CONTROLLER
TO DAMPER (BY OTHERS)

DAMPER

POWER FAN

TO PRESSURE SENSOR PROBE

GAS
LINE

ENERVEX PROVEN
DRAFT SWITCH TO BE INSTALLED
INDOORS ONLY

PDS-1

3X LOW VOLTAGE FROM ADC100
CONTROLLED PDS-1 SWITCH (BY OTHERS)

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

LOW VOLTAGE
FROM ADC100
TO WALL SWITCH
(BY OTHERS)

BURNER

LOW VOLTAGE POWER SUPPLY
TO BURNER CONTROLS

ON/OFF SWITCH
OR REMOTE
RECEIVER FOR
FIREPLACE

0/1

120V POWER SUPPLY TO ADC 100
CONTROLLER (BY OTHERS)

120 V
RECEPTACLE
(OUTLET)

3 VOLT
TRANSFORMER

LOW VOLTAGE POWER
SUPPLY TO IGNITION

**DEDICATED
POWER SUPPLY
120V 15AMP.**

**NOTE: ANCHOR AND VENTING CONFIGURATION SHOWN HERE IS
FOR REFERENCE ONLY. PLEASE REFER TO THE PROJECT-SPECIFIC
ANCHOR AND VENTING POSITIONS ON THE SUBMITTAL DRAWINGS
DURING INSTALLATION.**

ALL WIRES MUST BE DIRECTED NO JUMPING NEUTRALS

CF + D
custom fireplace design

5230 Harvester Rd. Unit # 2
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TWO PLACE DECIMAL ± 0.01
THREE PLACE DECIMAL ± 0.005

SIZE **B** SHEET 1 OF 1

DO NOT SCALE DRAWING

PROJECT

PART NUMBER

REV
0

DESCRIPTION
ENERVEX ELECTRICAL
DIAGRAM

DRAWN
CHECKED

NAME
VSalunkhe

DATE
(mm/dd/yyyy)

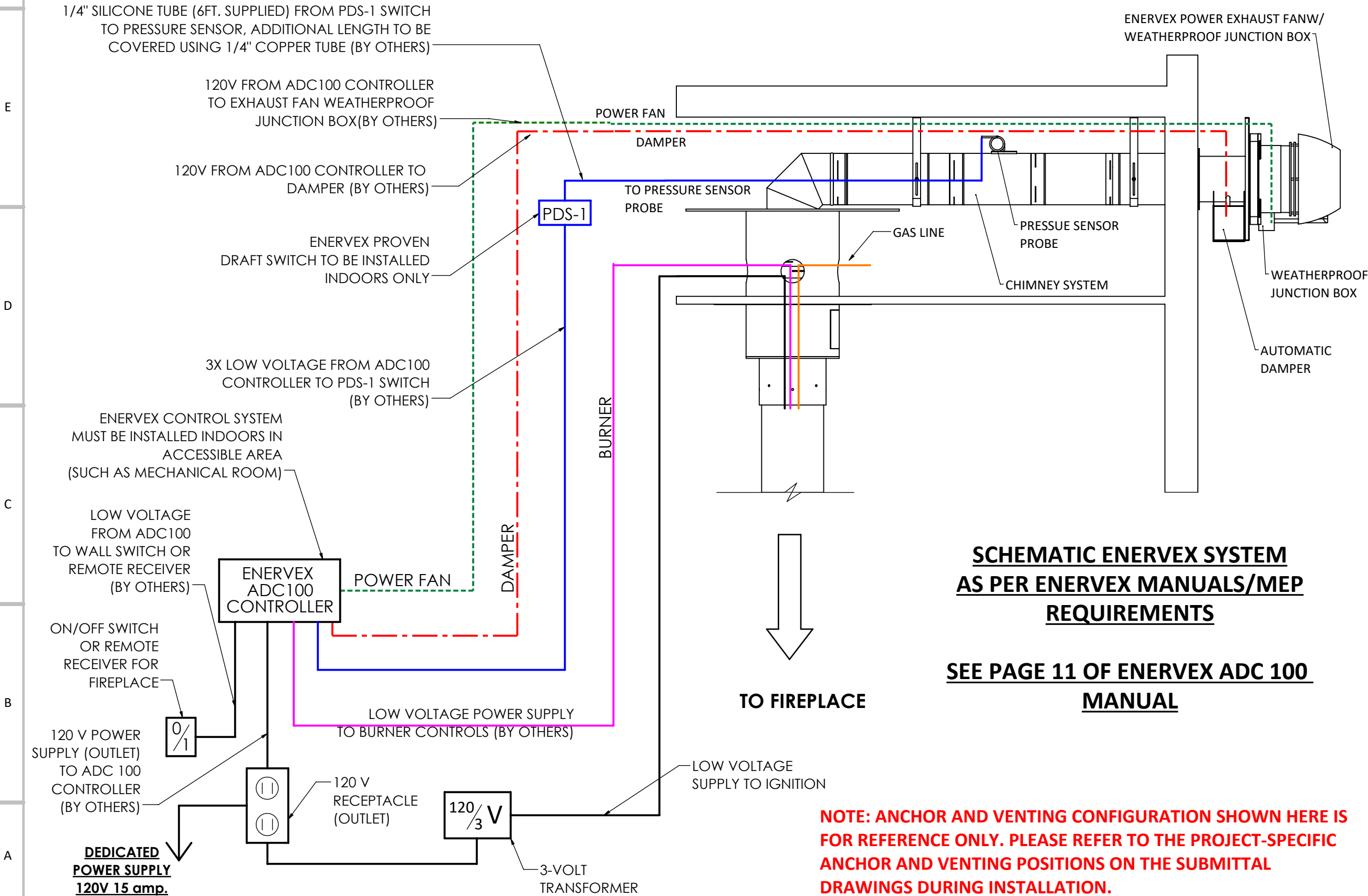
2025-11-19

APPROVED

--

NA

TYPICAL VITA GAS ENERVEX ELECTRICAL - DIAGRAM FOR HORIZONTAL TERMINATION



CF + D

custom fireplace design

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Burlington, Ontario Canada L7L 4x4
Phone: 905 681-3070 Fax: 905 681-8697

NOTE

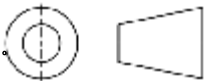
**ALL WIRES MUST BE
DIRECT (NO JUMPING
NEUTRALS)**

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THREE PLACE DECIMAL ± 0.005



PROJECT

Suspended Gas Fireplace - Horizontal
Term

PART NUMBER

REV
0

DESCRIPTION

Electrical Diagram

	NAME	SIGNATURE	DATE (mm/dd/yyyy)
DRAWN	VSalunkhe		2025-10-29
CHECKED	MV		2020-02-04
APPROVED	--		NA
SIZE	B	SHEET 6 OF 7	DO NOT SCALE DRAWING