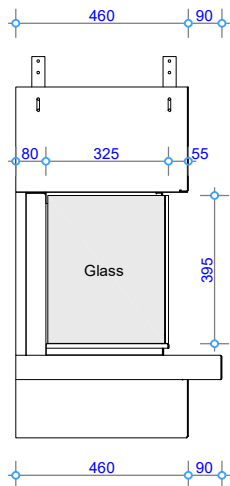


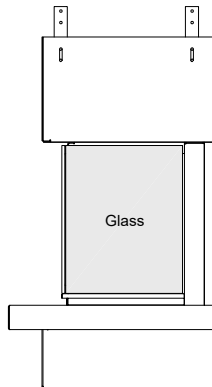


GD2 | 1600
SPECIFICATIONS

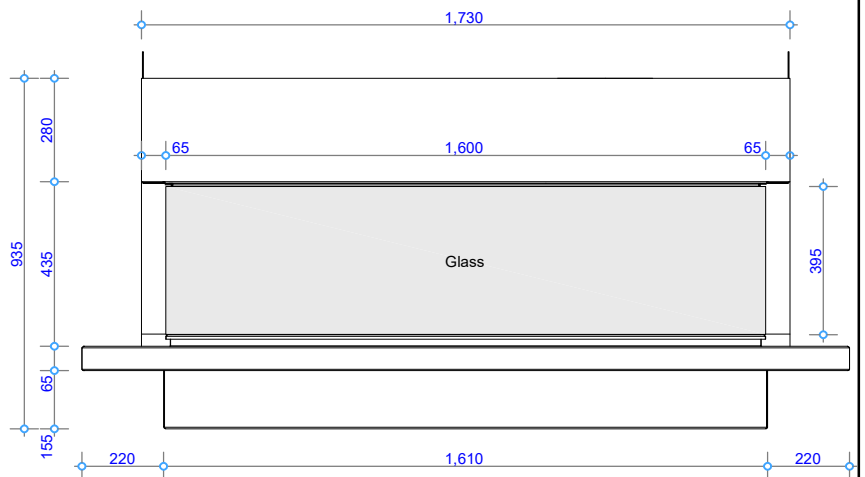
Information in this specification may be subject to change without notice. Please ensure you have the current version before beginning installation.



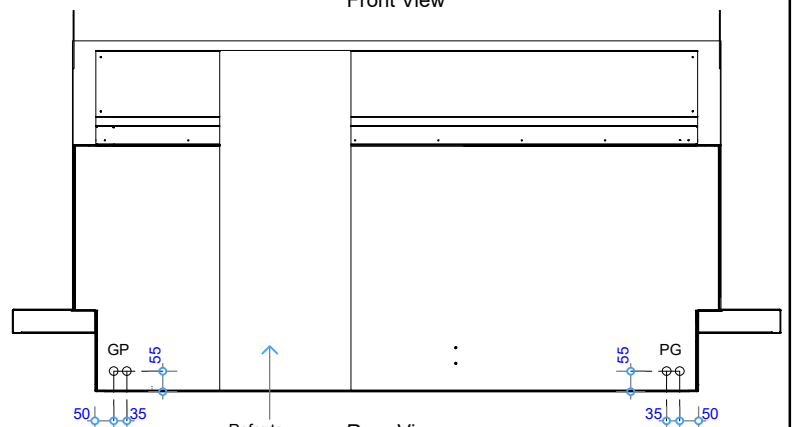
Side View



Side View



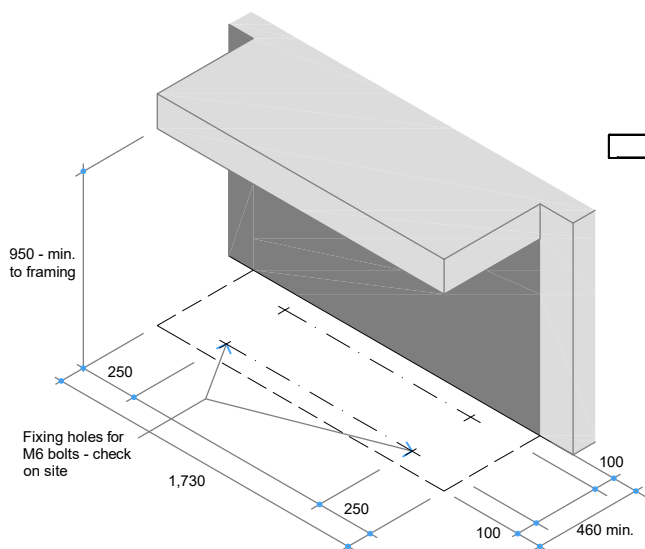
Front View



Refer to Installation Guide

Rear View
P = Power In
G = Gas In

TOLERANCE = +/- 3mm



Appliance Installation - Trim Sizes

NOTE: Confirm fixing holes on site prior to drilling

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Client: THE FIRE DEPT.

Product: GD2-1600

Title: FIREBOX DIMENSIONS

Drawn: LB

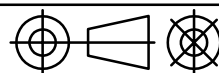
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

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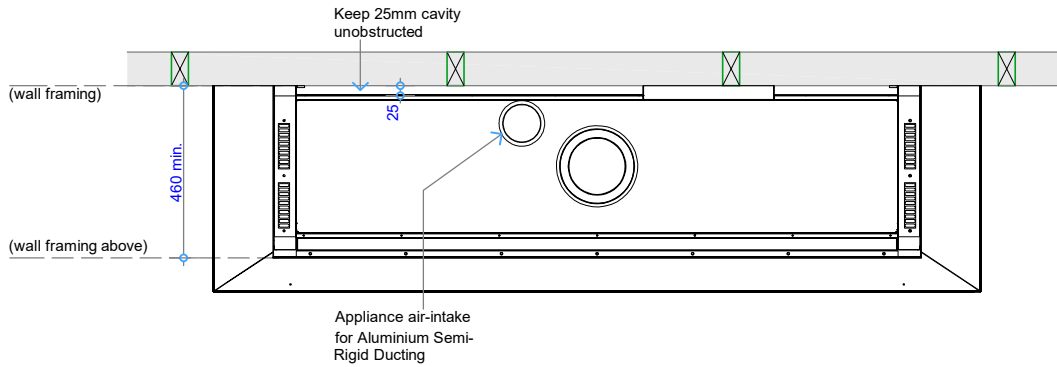
Drawing No.

GD2-1600-901

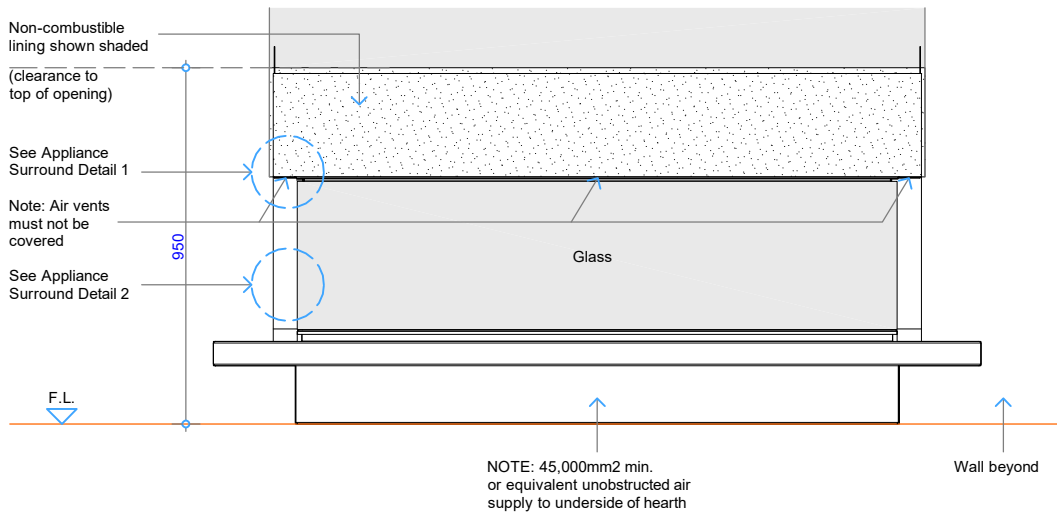
Sheet 01 of 10

Revision

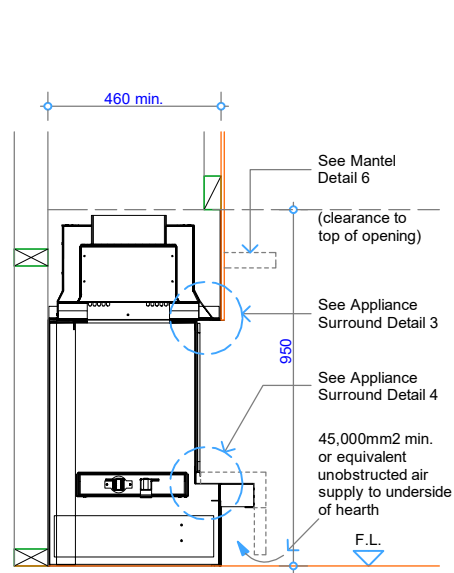
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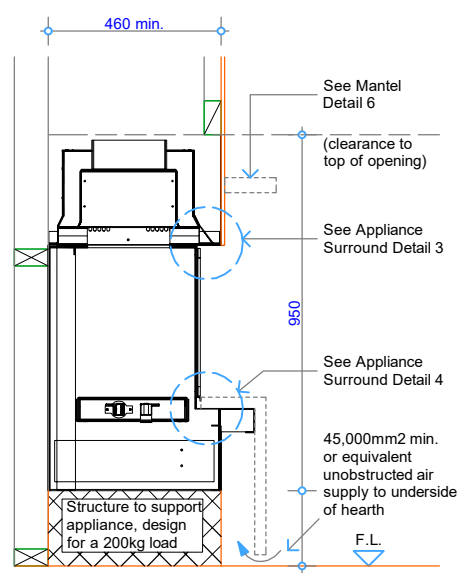
Plan View - Appliance Insert



Front View - Appliance Insert

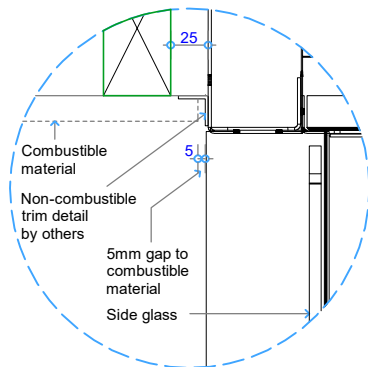


Cross Section - Appliance Insert at Floor Level

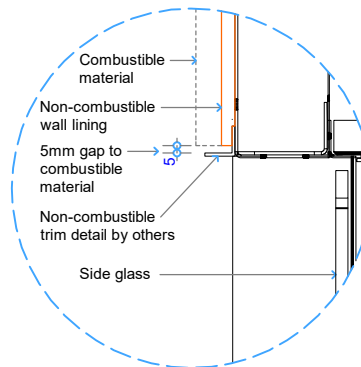


Cross Section - Appliance Insert on Raised Plinth
NOTE: Plinth height can vary to suit

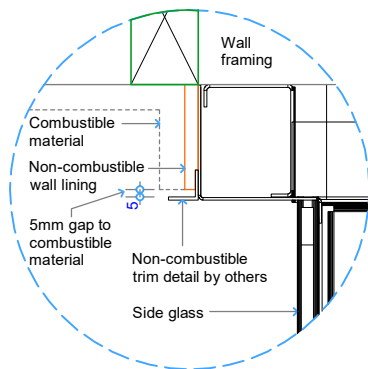
COPYRIGHT© THIS DRAWING IS THE PROPERTY OF The Fire Dept.	Client: THE FIRE DEPT.				<div>THE FIRE DEPT. HAND CRAFTED FIRES</div>			
	Product: GD2-1600							
	Title: CAVITY CLEARANCES							
	Drawn: LB		Date: 07/04/2020					
	Chkd: JW		Date: 08/05/2018					
	Appd: JW		Date: 08/05/2018		Scale: on A4			
	Drawing No.		GD2-1600-902			Sheet 02 of 10		Revision <div>5</div>



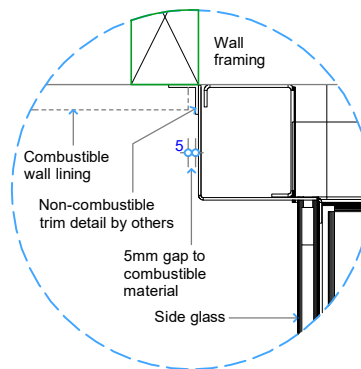
Detail 1 - Cross Section Appliance Surround Opt. 1



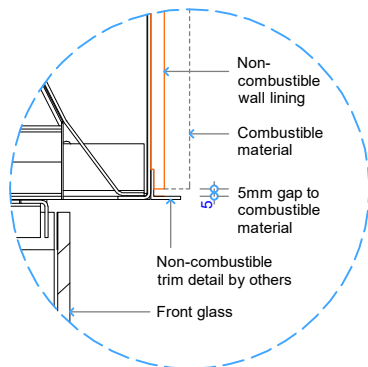
Detail 1 - Cross Section Appliance Surround Opt. 2



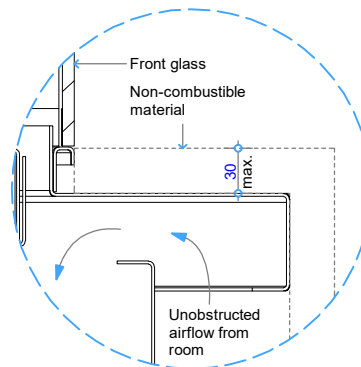
Detail 2 - Plan View Appliance Surround Opt. 3



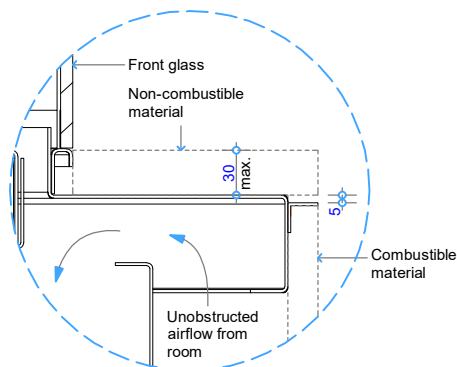
Detail 2 - Plan View Appliance Surround Opt. 4



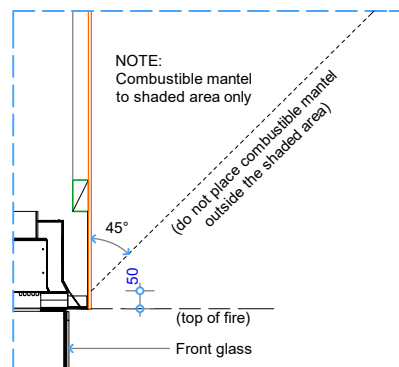
Detail 3 - Top of Appliance to Combustible Materials



Detail 4 - Bottom of Appliance to Floor Opt. 5
NOTE: 45,000mm² min. or equivalent unobstructed air supply to underside of hearth



Detail 4 - Bottom of Appliance to Floor Opt. 6
NOTE: 45,000mm² min. or equivalent unobstructed air supply to underside of hearth



Detail 6 - Top of Appliance to Combustible Mantel

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Product: GD2-1600

Title: SURROUND DETAILS

Drawn: LB

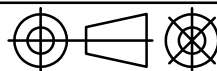
Date: 07/04/2020

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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale:

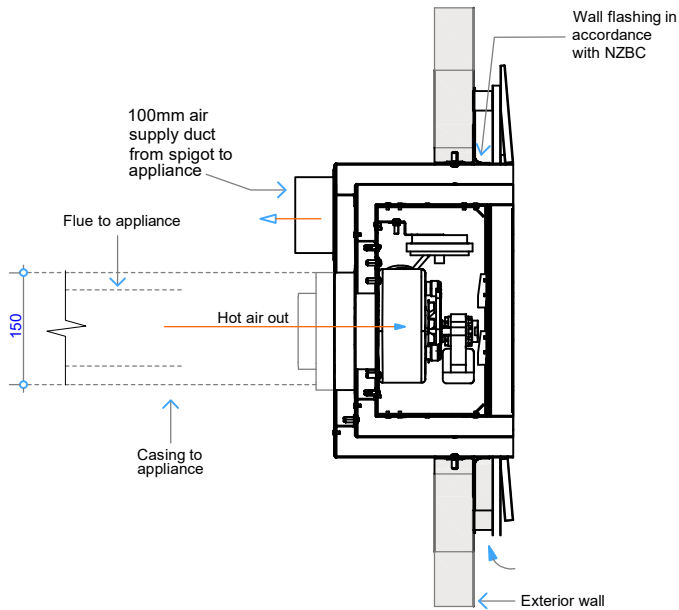
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Drawing No. **GD2-1600-903**

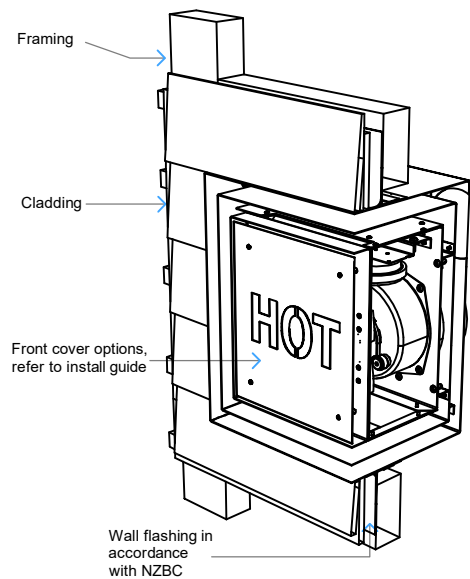
Sheet 03 of 10

Revision

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Detail - Combustion fan Option 1
Wall cowl fan, horizontal exit

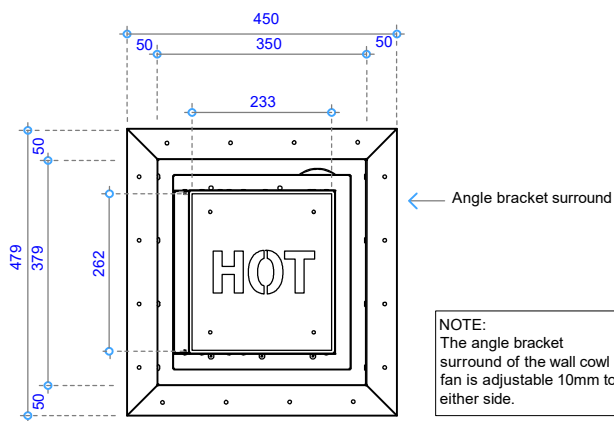


Detail - Wall cowl fan, horizontal exit

NOTE:

Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from appliance to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the appliance.
Each flue joint must be sealed with a heat proof sealer.
Each flue joint must have a minimum of 4 x rivets.
Flue to be adequately supported at 2.4m crs.

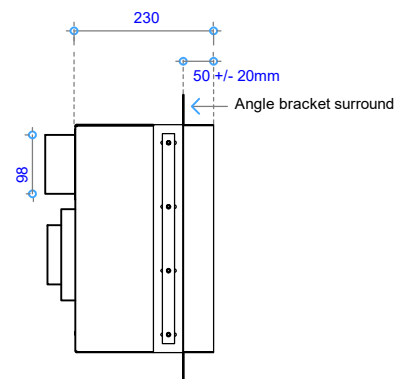
Flue components:
100mm dia. Flue
150mm dia. Casing
100mm Ducting



Wall Cowl Fan Front View

NOTE:

The angle bracket surround of the wall cowl fan is adjustable 10mm to either side.



Wall Cowl Fan Side View

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Product: GD2-1600

Title: HORIZONTAL WALL COWL FAN EXIT DETAILS

Drawn: LB

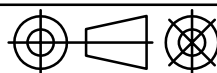
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



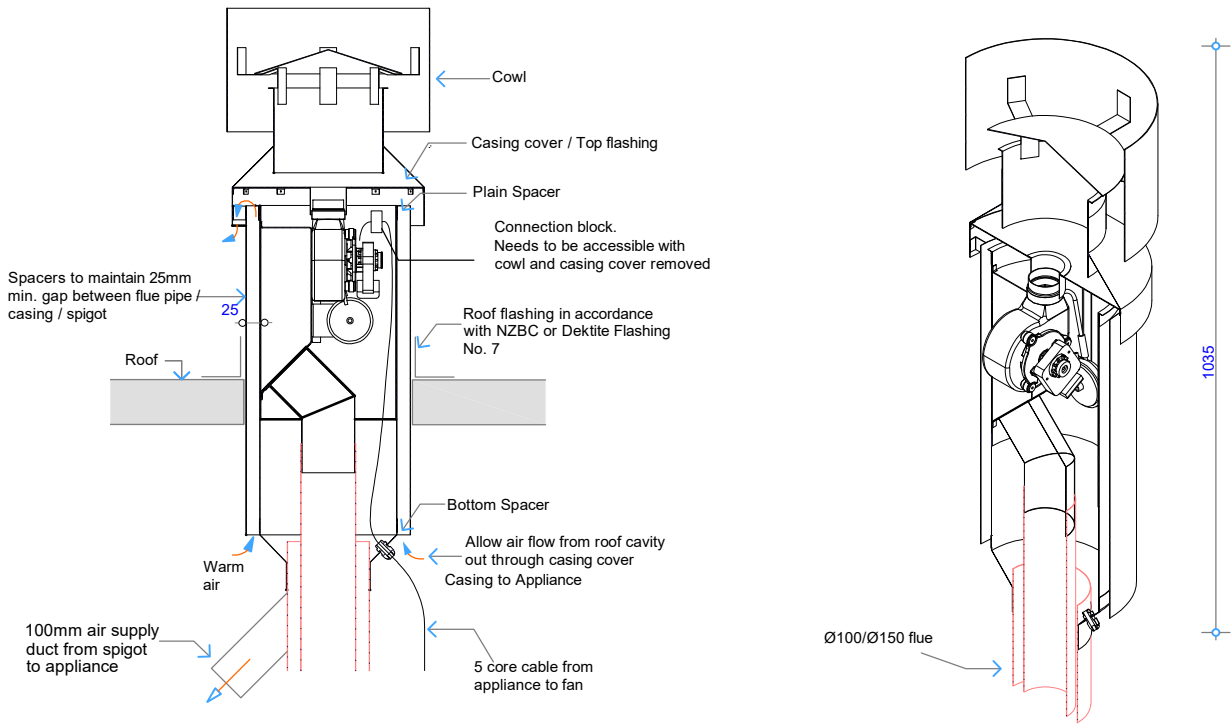
Scale: on A4

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HAND CRAFTED FIRES

Drawing No. **GD2-1600-904**

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Revision **5**

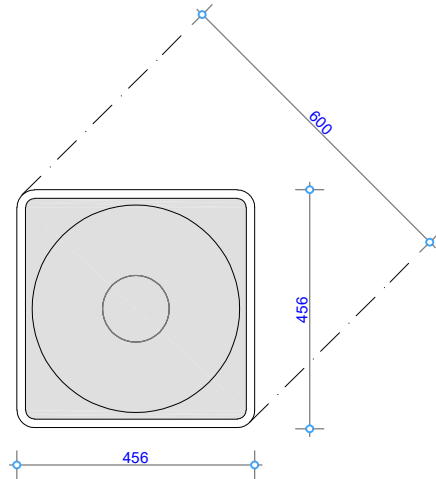


Detail - Combustion fan Option 2
Cowl fan, vertical exit

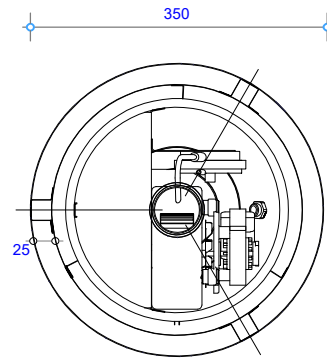
NOTE:

Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from appliance to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the appliance.
Each flue joint must be sealed with a heat proof sealer.
Each flue joint must have a minimum of 4 x rivets.
Flue to be adequately supported at 2.4m crs.

Flue components:
100mm dia. Flue
150mm dia. Casing
300mm dia. Spigot
100mm Ducting



Deklite Flashing No. 7 - Plan View



Cowl Fan Top View

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Product: GD2-1600

Title: VERTICAL COWL FAN, EXIT DETAILS

Drawn: LB

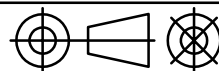
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



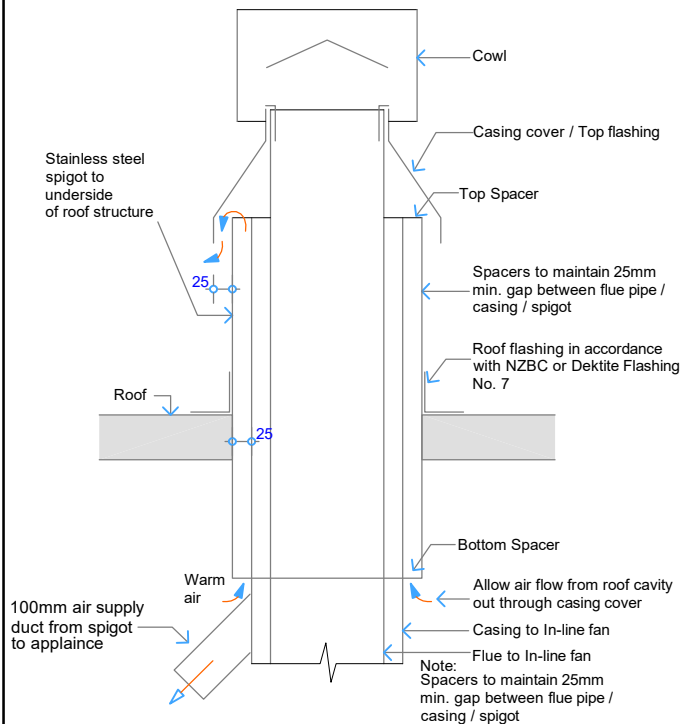
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HAND CRAFTED FIRES

Drawing No. **GD2-1600-905**

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Revision 5

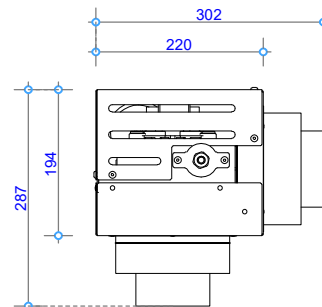


Detail - Air Ventilation through Casing cover/ Top flashing
Option 3A - To be used in conjunction with Fan Option 3

NOTE:

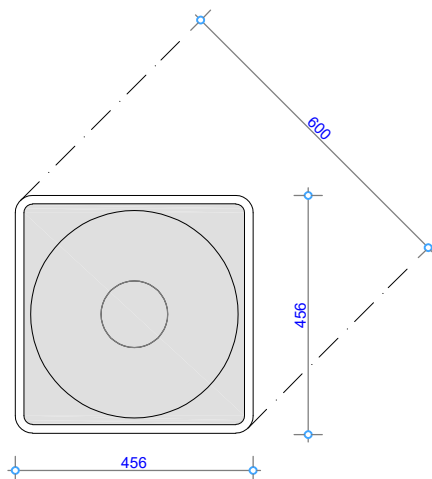
Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from fire to fan.
Cavity airflow must be unobstructed from fire to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the fire.
Each flue joint must be sealed with a heat proof sealer.
Each flue joint must have a minimum of 4 x rivets.
Flue to be adequately supported at 2.4m crs.

Flue components:
100mm dia. Flue
150mm dia. Casing
200mm dia. Spigot
100mm Ducting

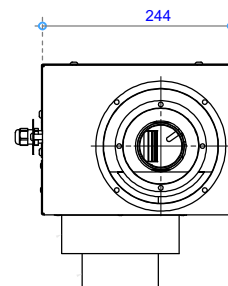


Detail - Combustion fan Option 3
In-Line Fan Side View

NOTE: Requires access hatch for maintenance



Deklite Flashing No. 7 - Plan View



Detail - Combustion fan Option 3
In-Line Fan Front View

NOTE: Requires access hatch for maintenance

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Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS

Drawn: LB

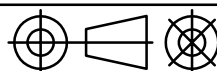
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



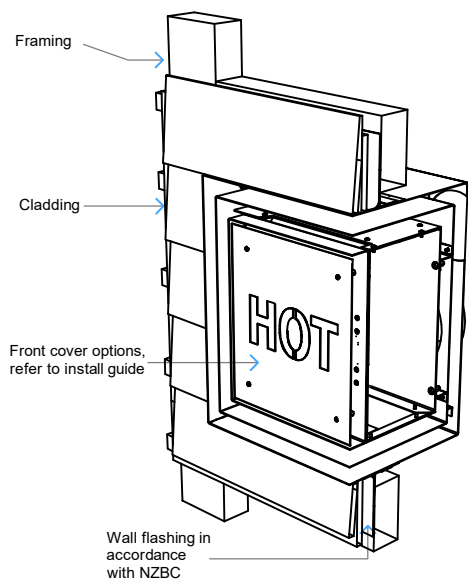
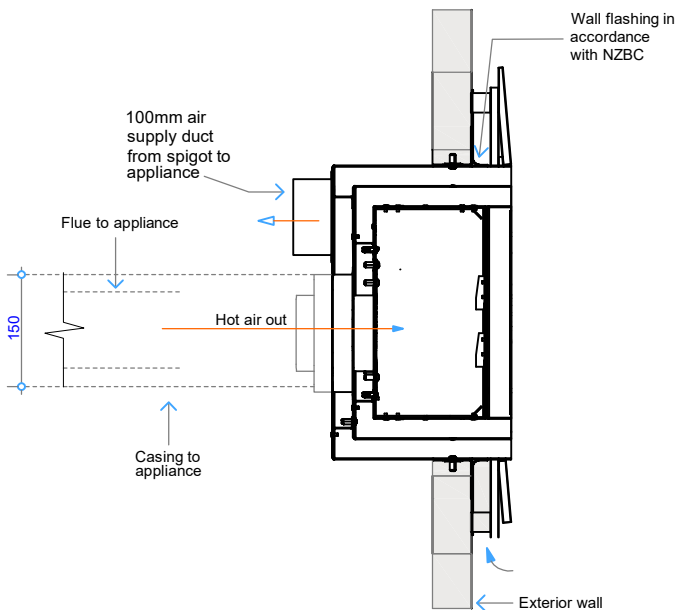
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Drawing No. **GD2-1600-906**

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Revision **5**

THE FIRE DEPT.
HAND CRAFTED FIRES



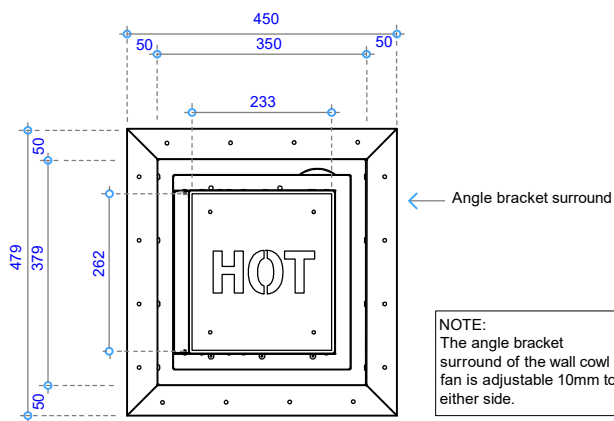
Detail - Wall cowl, horizontal exit
Option 3B - To be used in conjunction with Fan Option 3

Detail - Wall cowl, horizontal exit

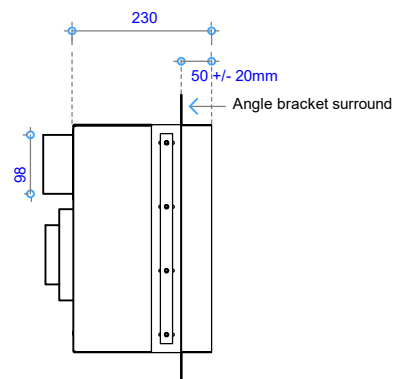
NOTE:

Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from appliance to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the appliance.
Each flue joint must be sealed with a heat proof sealer.
Each flue joint must have a minimum of 4 x rivets.
Flue to be adequately supported at 2.4m crs.

Flue components:
100mm dia. Flue
150mm dia. Casing
100mm Ducting



Wall Cowl Front View



Wall Cowl Side View

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Product: GD2-1600

Title: HORIZONTAL WALL COWL EXIT DETAILS

Drawn: LB

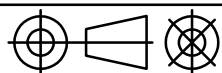
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



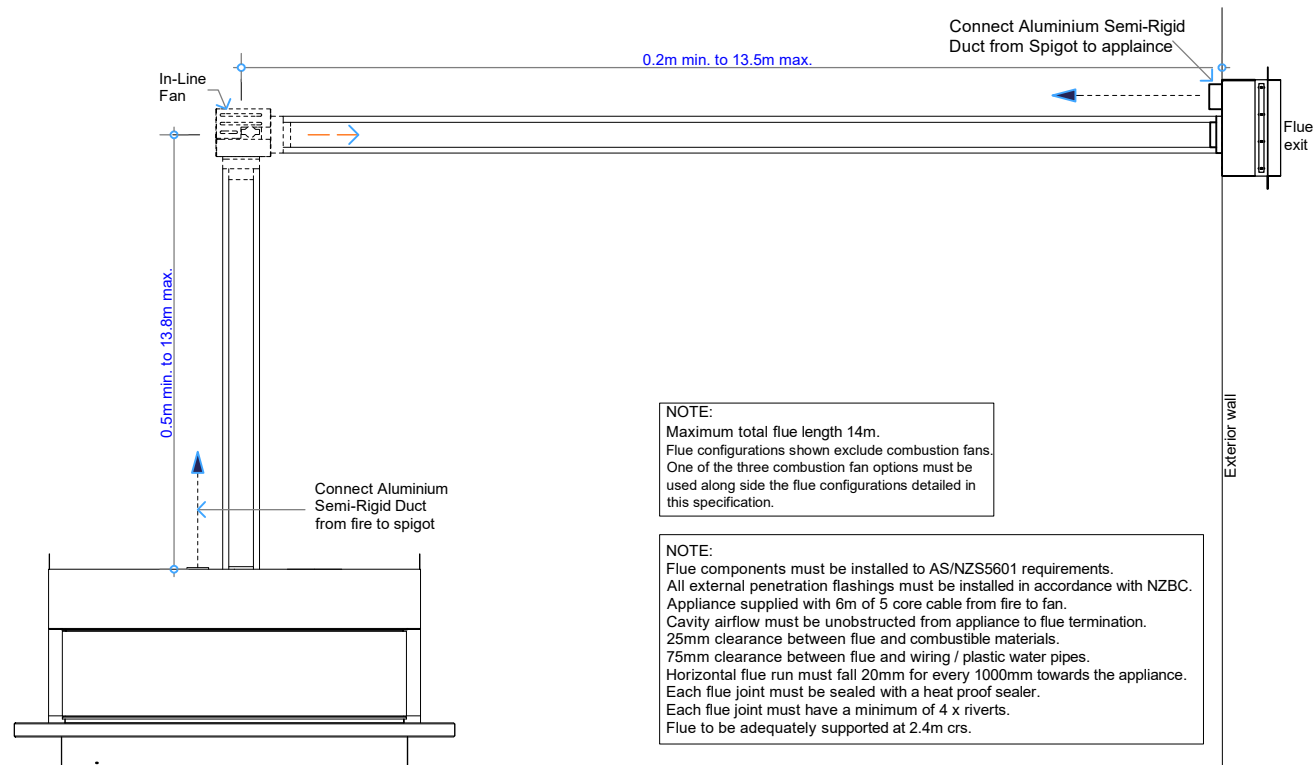
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HAND CRAFTED FIRES

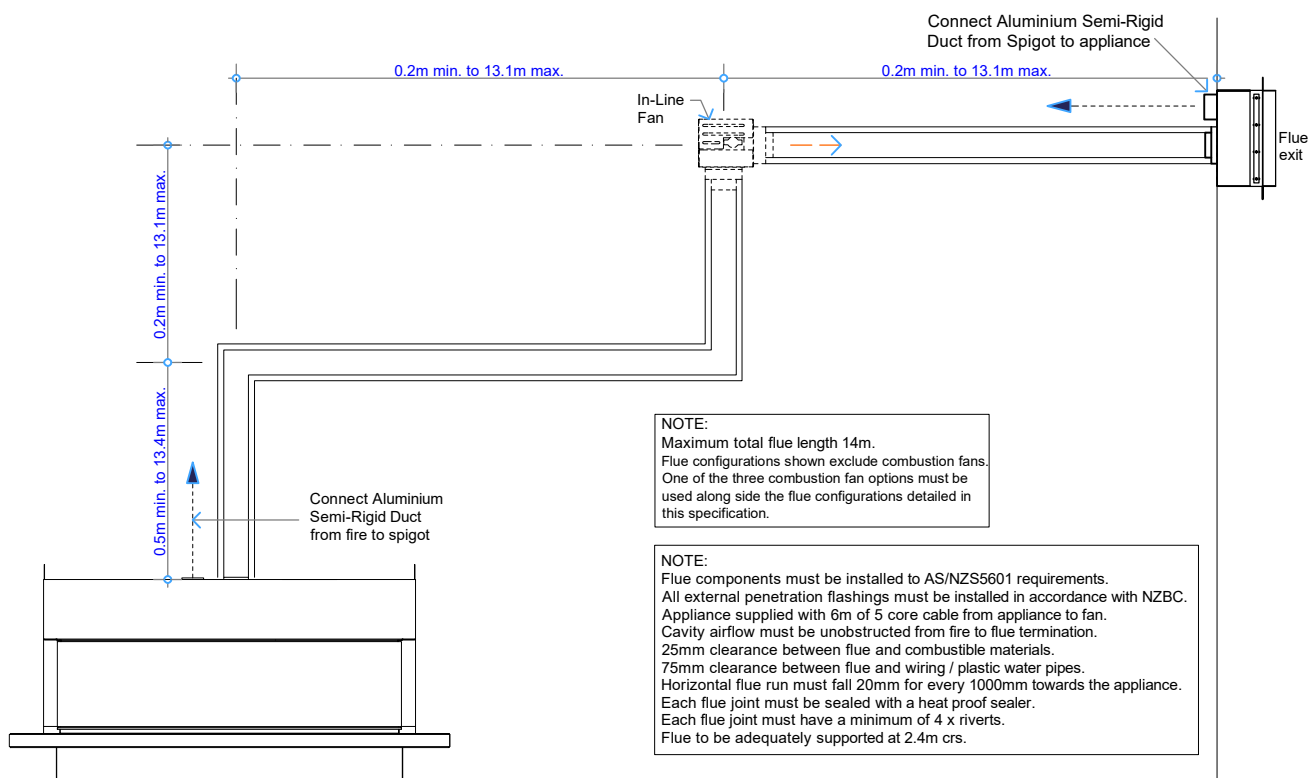
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Revision 5



Horizontal Flue Combination GD2A



Horizontal Flue Combination GD2B

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Product: GD2-1600

Title: HORIZONTAL FLUE COMBINATION OPTIONS

Drawn: LB

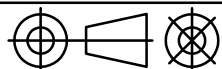
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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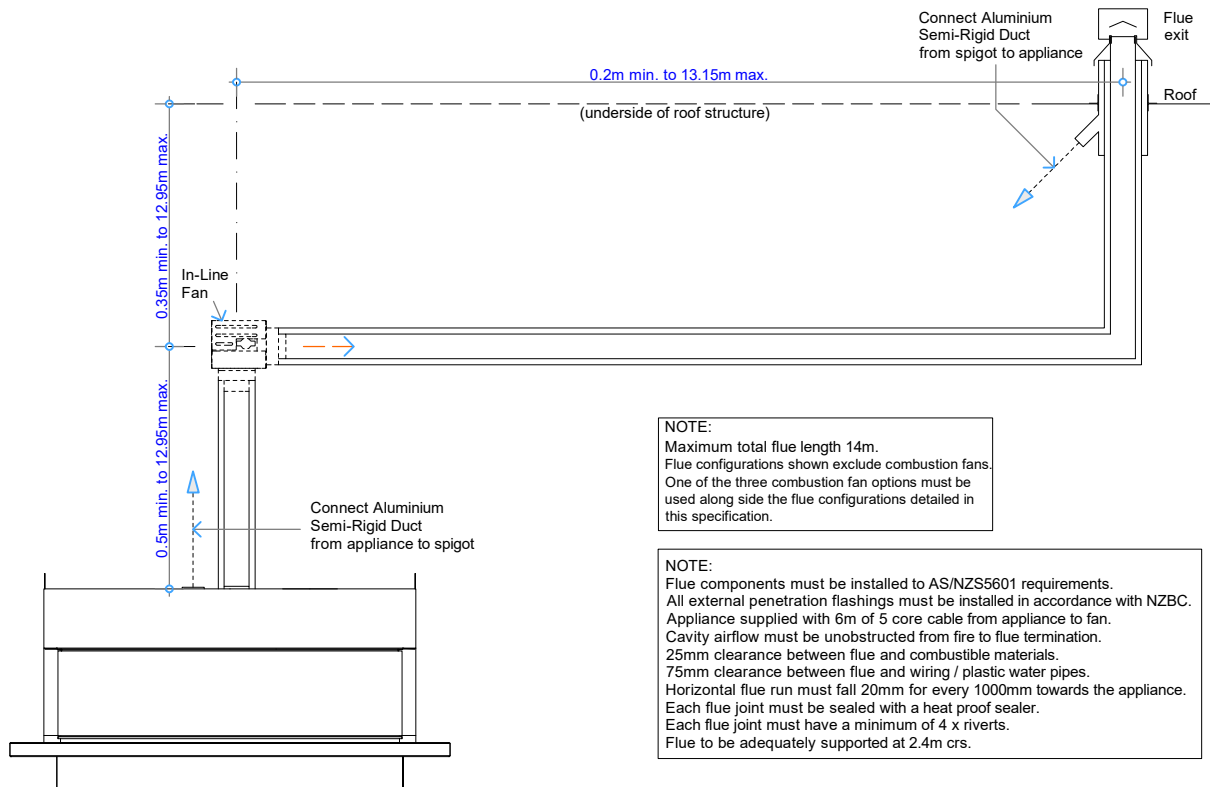
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HAND CRAFTED FIRES

Drawing No. **GD2-1600-908**

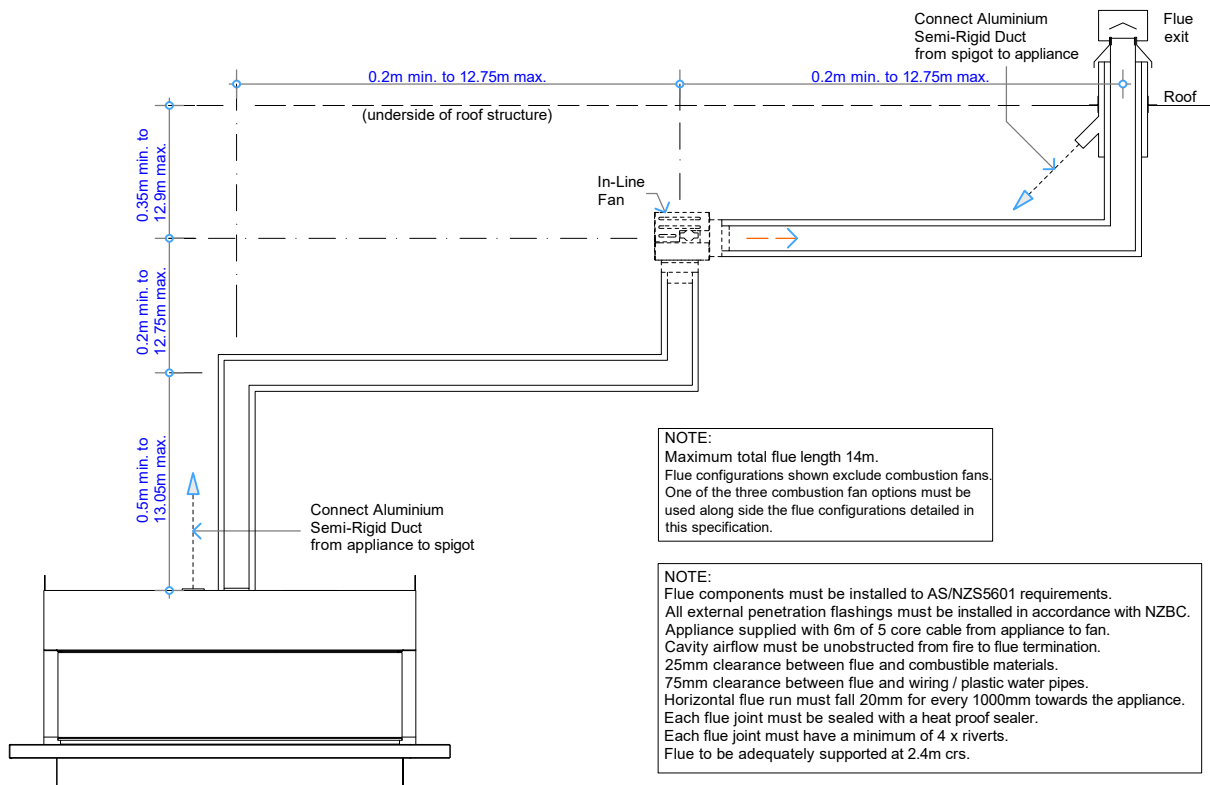
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Revision

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Vertical Flue Combination GD2C



Vertical Flue Combination GD2D

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Product: GD2-1600

Title: VERTICAL FLUE COMBINATION OPTIONS

Drawn: LB

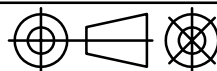
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

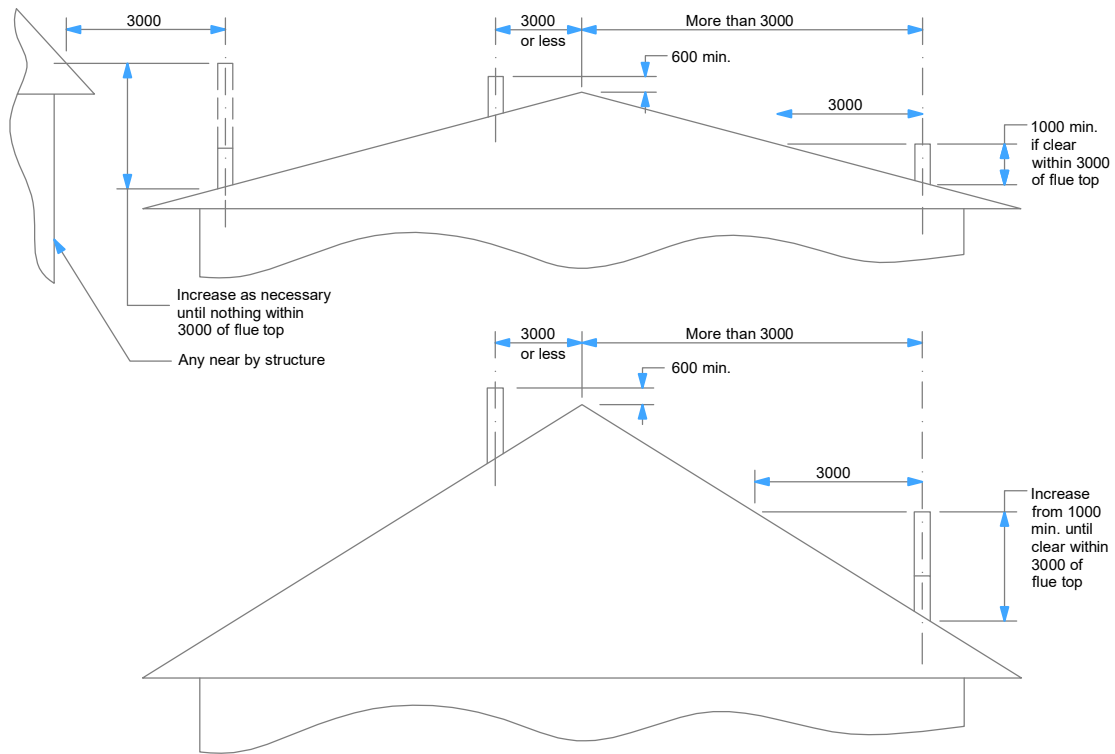
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HAND CRAFTED FIRES

Drawing No. **GD2-1600-909**

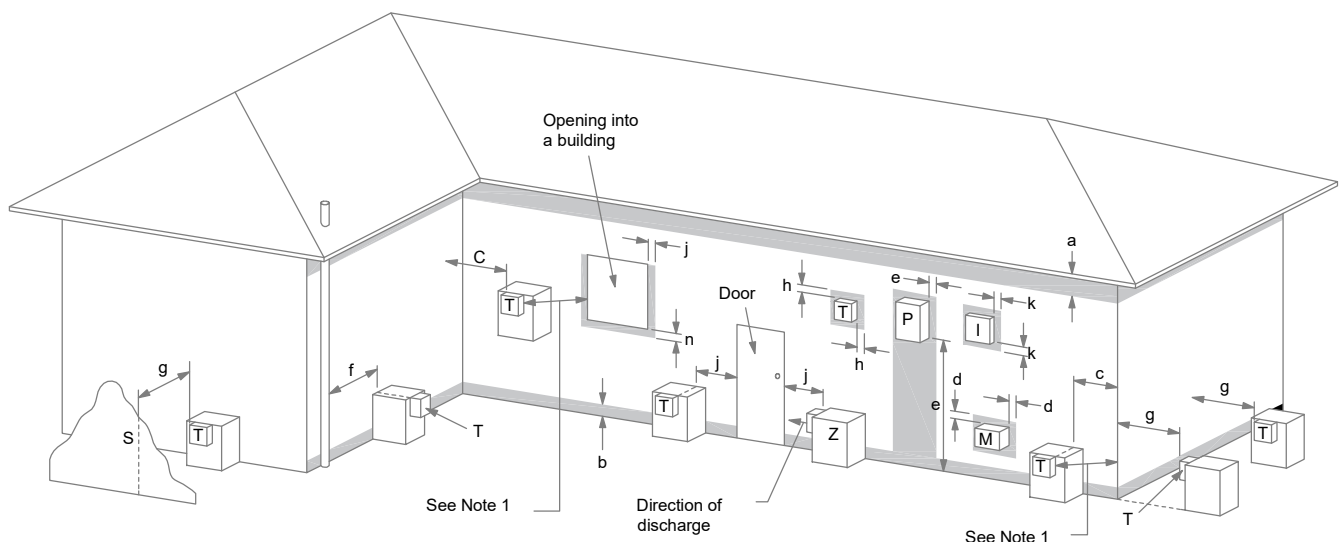
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Minimum Height of Flue System Exit
Or as per AS/NZS 5601



LEGEND:

I = Mechanical air inlet
M = Gas meter
P = Electricity meter or fuse box
S = Structure
T = Flue terminal
Z = Fan-assisted appliance only

a = 200
b = 300
c = 300
d = 1000
e = 500
f = 75
g = 500
h = 300
j = 300 (at window) & 1500 (fan-assisted appliance by the door)
k = 1000
n = 500

NOTES:

1 Where dimensions c, j or k cannot be achieved an equivalent horizontal distance measured diagonally from the nearest discharge point of the terminal to the opening may be deemed by the Technical Regulator to comply.

Shading indicates prohibited area for flue terminals

Location of Flue Terminals of Balanced Flue,
Room-Sealed, Fan-Assisted or Outdoor Appliances

NOTE: To be read in conjunction with AS/NZS 5601.1:2013

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Title: FLUE EXIT CLEARANCES

Drawn: LB

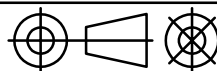
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

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HAND CRAFTED FIRES

Drawing No. **GD2-1600-909**

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