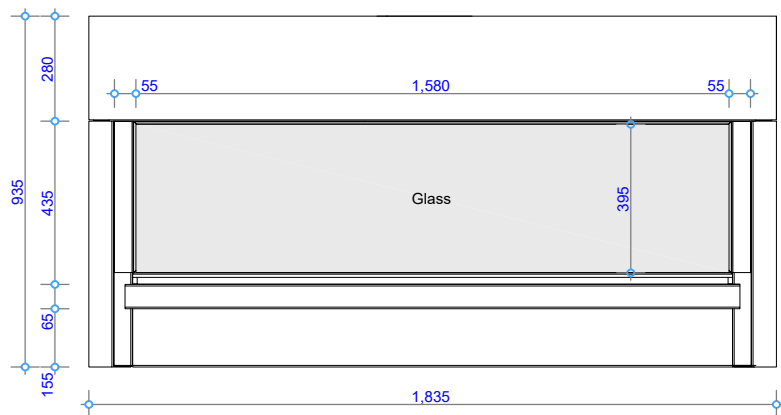
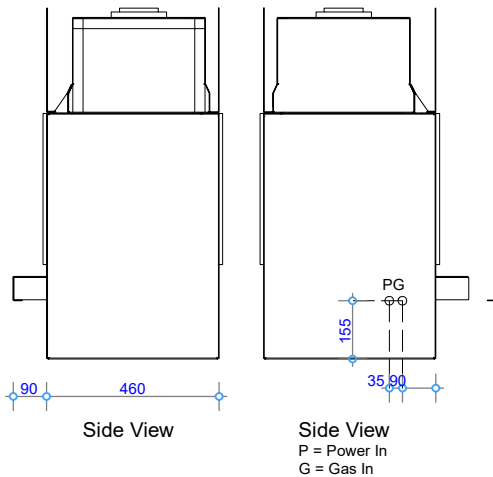
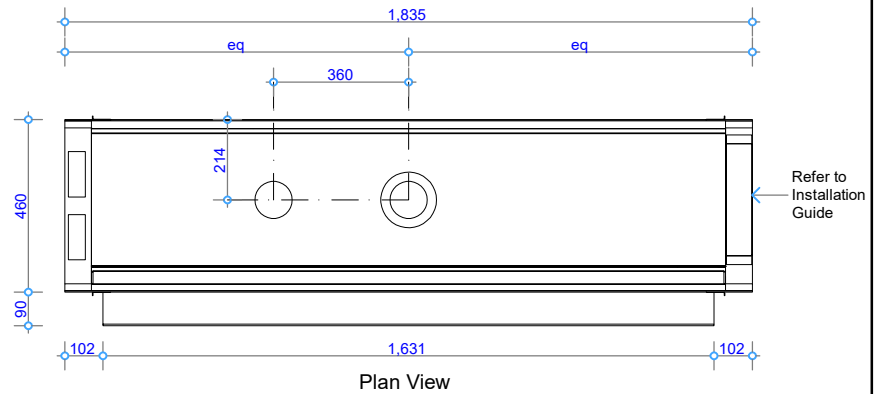


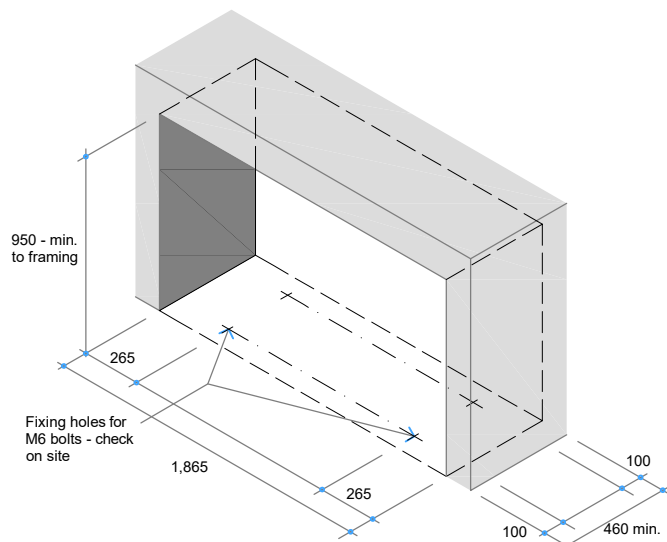


**GD5 | 1600**  
**SPECIFICATIONS**

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



TOLERANCE = +/- 3mm



Appliance Installation - Trim Sizes  
NOTE: Confirm fixing holes on site prior to drilling

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Product: GD5-1600

Title: FIREBOX DIMENSIONS

Drawn: LB

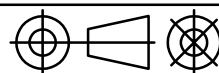
Date: 27/05/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

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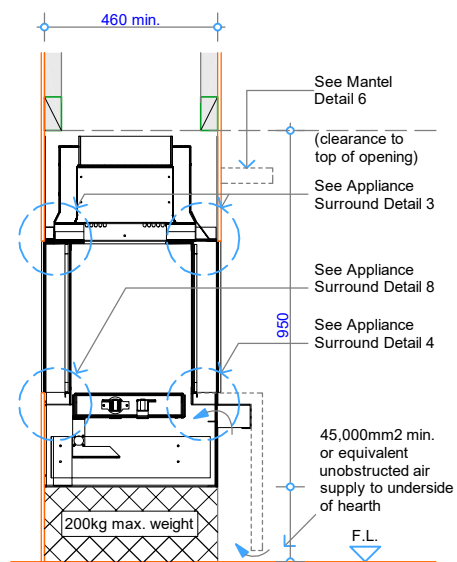
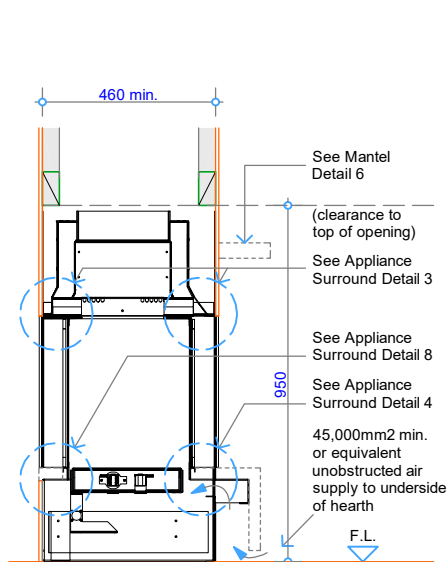
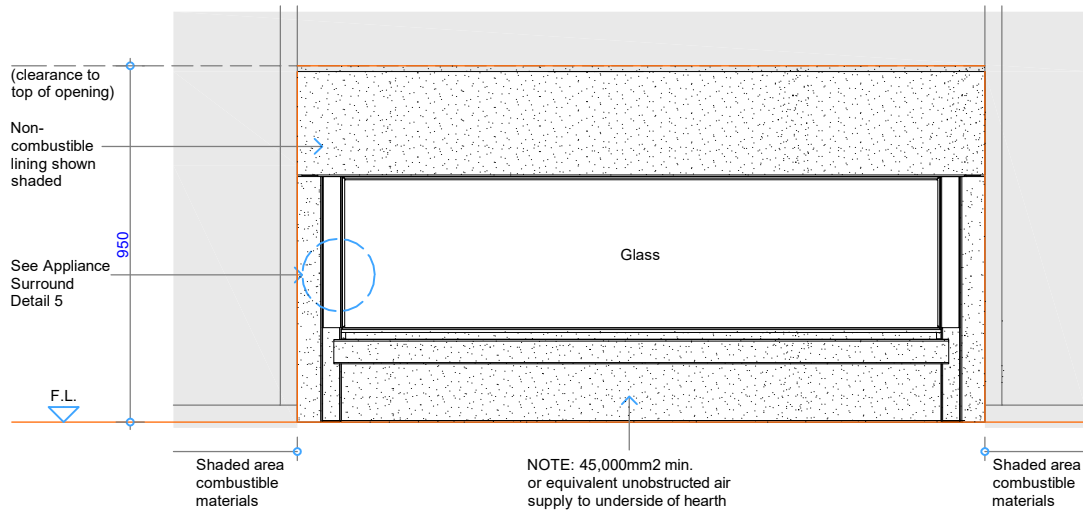
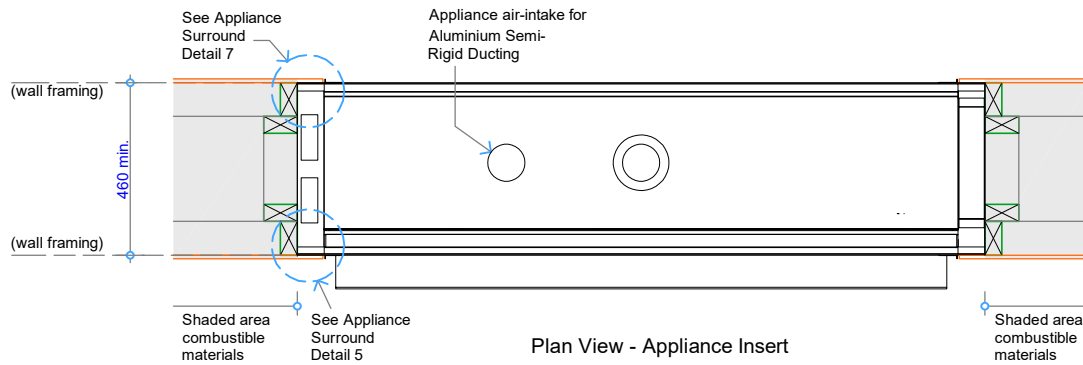
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Sheet 01 of 11

Revision

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NOTE: Plinth height can vary to suit

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Title: CAVITY CLEARANCES

Drawn: LB

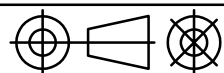
Date: 27/05/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

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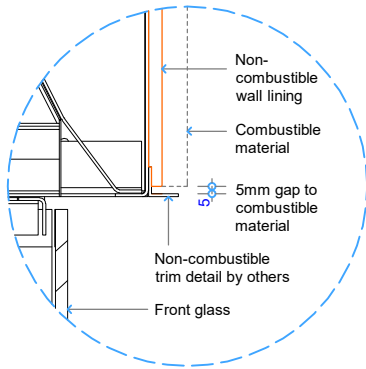
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**GD5-1600-902**

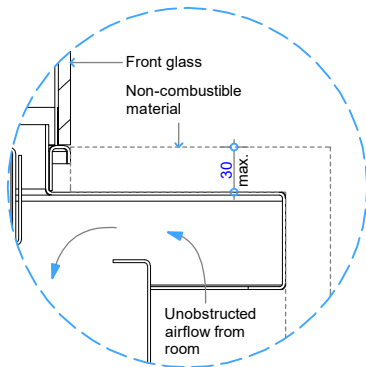
Sheet 02 of 11

Revision

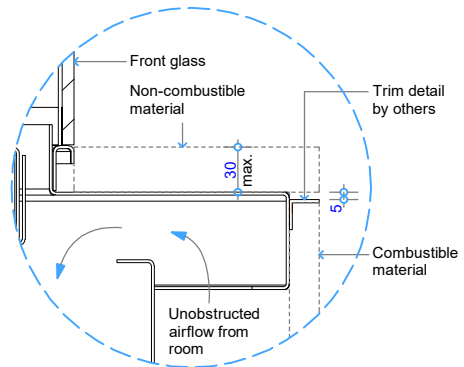
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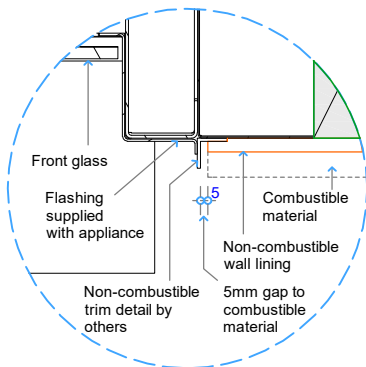
Detail 3 - Top of Appliance to Combustible Materials



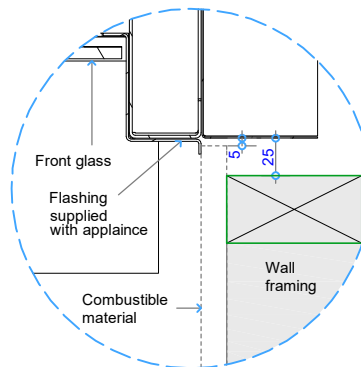
Detail 4 - Bottom of Appliance to Floor Opt. 5  
NOTE: 45,000mm<sup>2</sup> min. or equivalent unobstructed air supply to underside of hearth



Detail 4 - Bottom of Appliance to Floor Opt. 6  
NOTE: 45,000mm<sup>2</sup> min. or equivalent unobstructed air supply to underside of hearth



Detail 5 - Plan View Appliance Surround Opt. 7



Detail 5 - Plan View Appliance Surround Opt. 8

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Product: GD5-1600

Title: SURROUND DETAILS

Drawn: LB

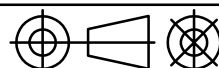
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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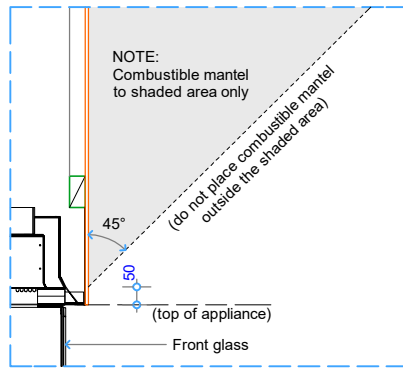
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HAND CRAFTED FIRES

Drawing No. **GD5-1600-903**

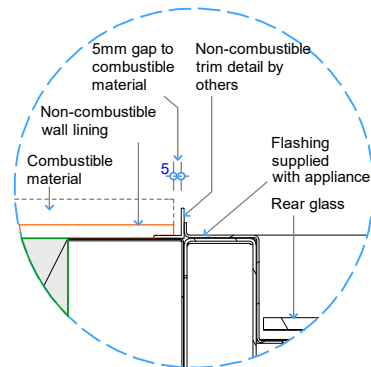
Sheet 03 of 11

Revision

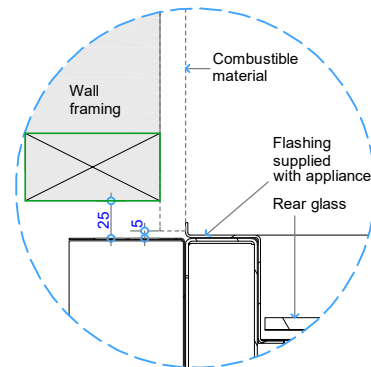
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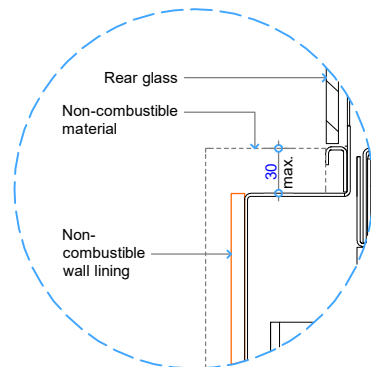
Detail 6 - Top of Appliance to Combustible Mantel



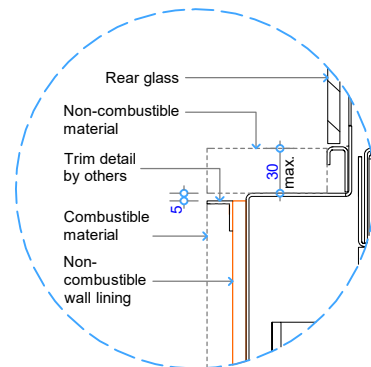
Detail 7 - Plan View Appliance Surround Opt. 9



Detail 7 - Plan View Appliance Surround Opt. 10



Detail 8 - Bottom of Appliance to Floor Opt. 11



Detail 8 - Bottom of Appliance to Floor Opt. 12

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Product: GD5-1600

Title: SURROUND DETAILS

Drawn: LB

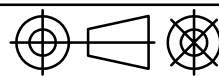
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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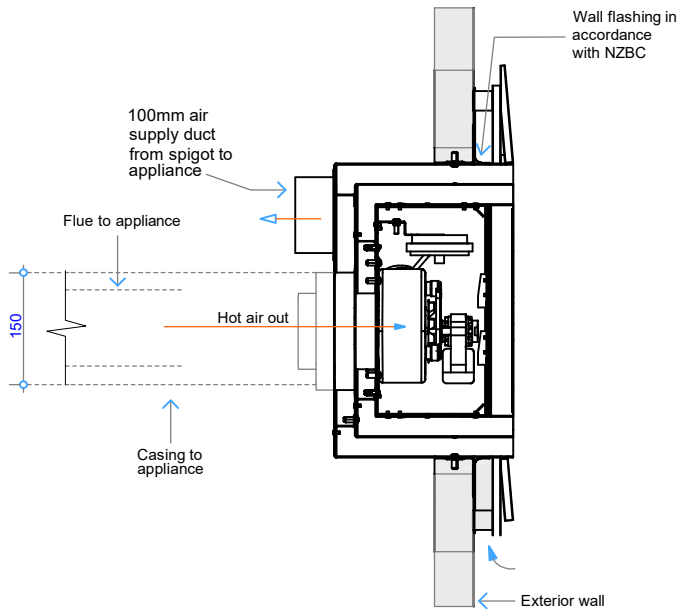
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Drawing No. **GD5-1600-904**

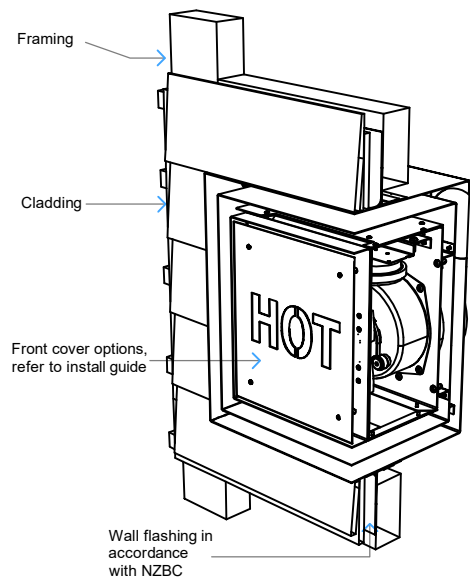
Sheet 04 of 11

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

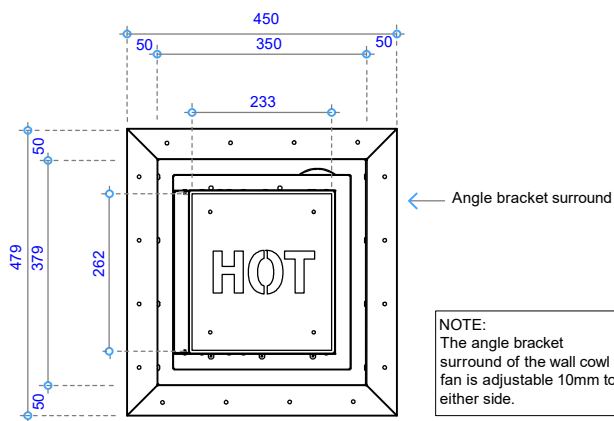


Detail - Wall cowl fan, vertical exit

**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.

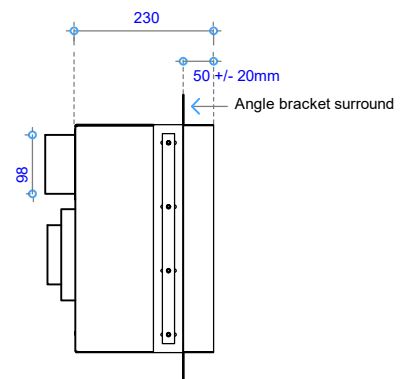
Flue components:  
100mm dia. Flue  
150mm dia. Casing  
100mm Ducting



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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Client: THE FIRE DEPT.

Product: GD5-1600

Title: HORIZONTAL WALL COWL FAN EXIT DETAILS

Drawn: LB

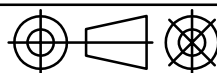
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

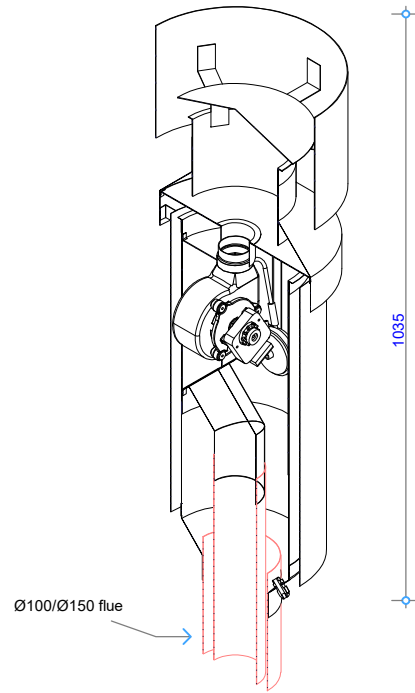
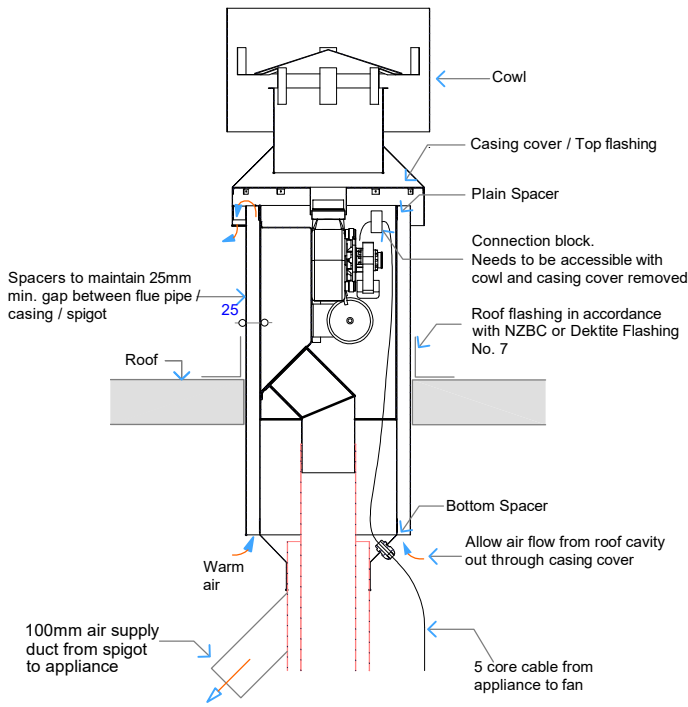
Drawing No. **GD5-1600-905**

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Revision

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**THE FIRE DEPT.**  
HAND CRAFTED FIRES



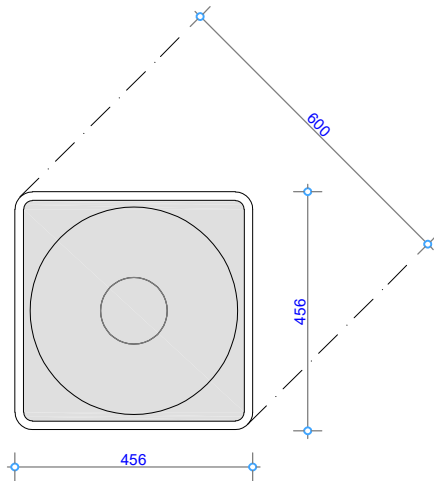
#### Detail - Combustion fan Option 2 Cowl fan, horizontal exit

##### NOTE:

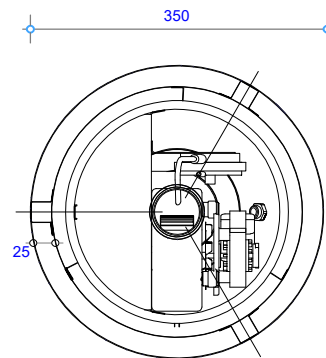
Flue components must be installed to AS/NZS5601 requirements.  
All external penetration flashings must be installed in accordance with NZBC.  
Appliance supplied with 6m of 5 core cable from appliance to fan.  
Cavity airflow must be unobstructed from appliance to flue termination.  
25mm clearance 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  
300mm dia. Spigot  
100mm Ducting



Deklite Flashing No. 7 - Plan View



Cowl Fan Top View

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Product: GD6-1600

Title: VERTICAL COWL FAN, EXIT DETAILS

Drawn: LB

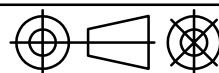
Date: 07/04/2020

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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

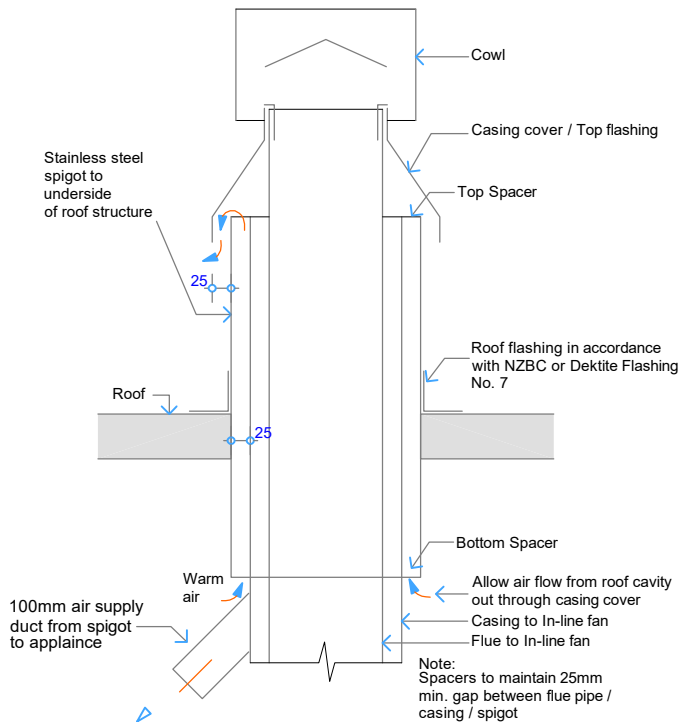
**THE FIRE DEPT.**  
HAND CRAFTED FIRES

Drawing No. **GD5-1600-906**

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Revision

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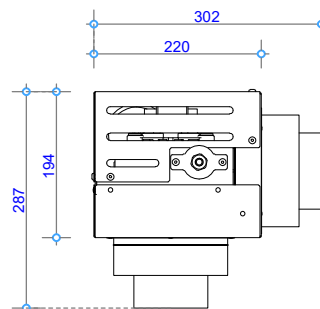


Detail - Air Ventilation through Casing cover/ Top flashing  
Option 3A - To be used in conjunction with Fan Option 3

**NOTE:**

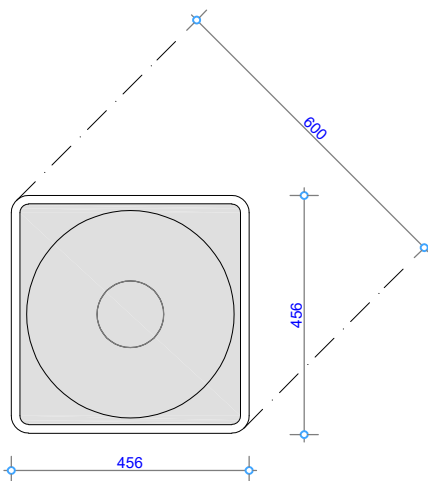
Flue components must be installed to AS/NZS5601 requirements.  
All external penetration flashings must be installed in accordance with NZBC.  
Appliance supplied with 6m of 5 core cable from fire to fan.  
Cavity airflow must be unobstructed from fire to flue termination.  
25mm clearance between flue 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

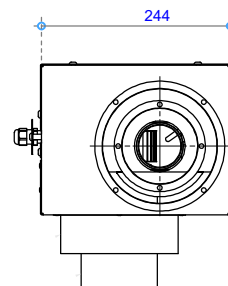


Detail - Combustion fan Option 3  
In-Line Fan Side View

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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Product: GD5-1600

Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS

Drawn: LB

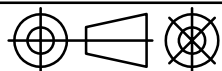
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Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

Drawing No. **GD5-1600-907**

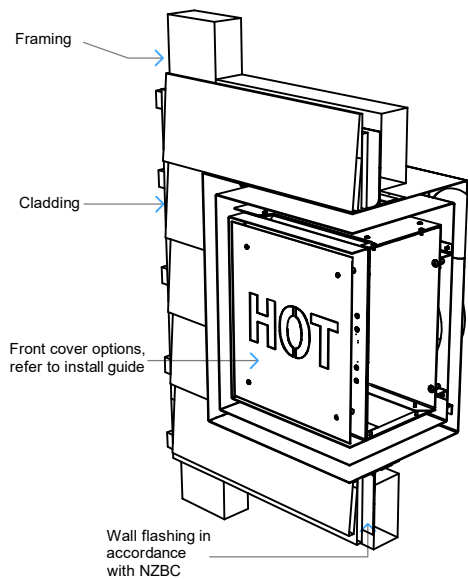
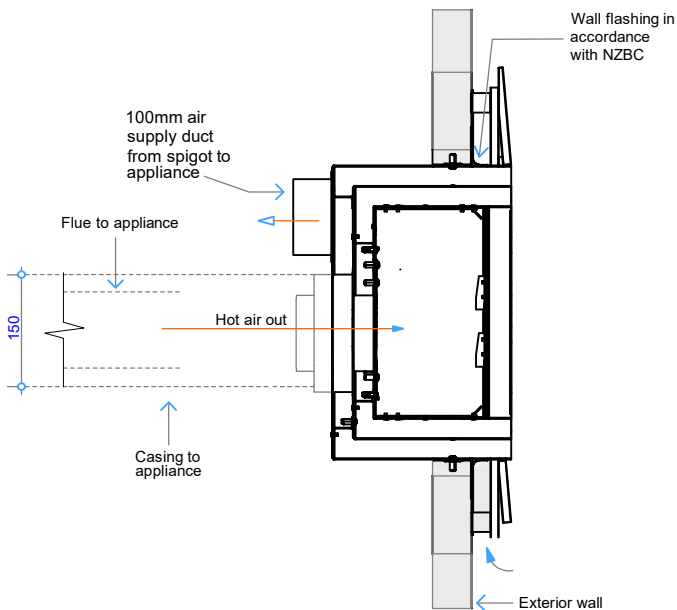
Sheet 07 of 11

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**THE FIRE DEPT.**  
HAND CRAFTED FIRES





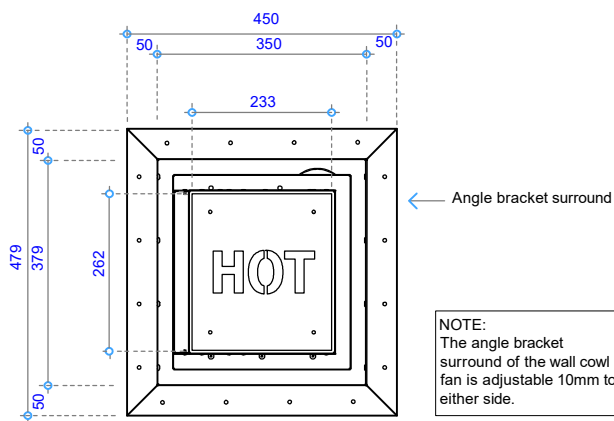
Detail - Wall cowl, horizontal exit  
Option 3B - To be used in conjunction with Fan Option 3

Detail - Wall cowl, 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.

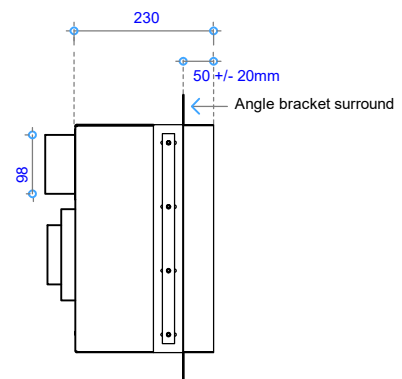
Flue components:  
100mm dia. Flue  
150mm dia. Casing  
1100mm Ducting



Wall Cowl Front View

**NOTE:**

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



Wall Cowl Side View

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Product: GD5-1600

Title: HORIZONTAL WALL COWL EXIT DETAILS

Drawn: LB

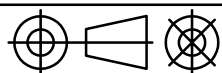
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



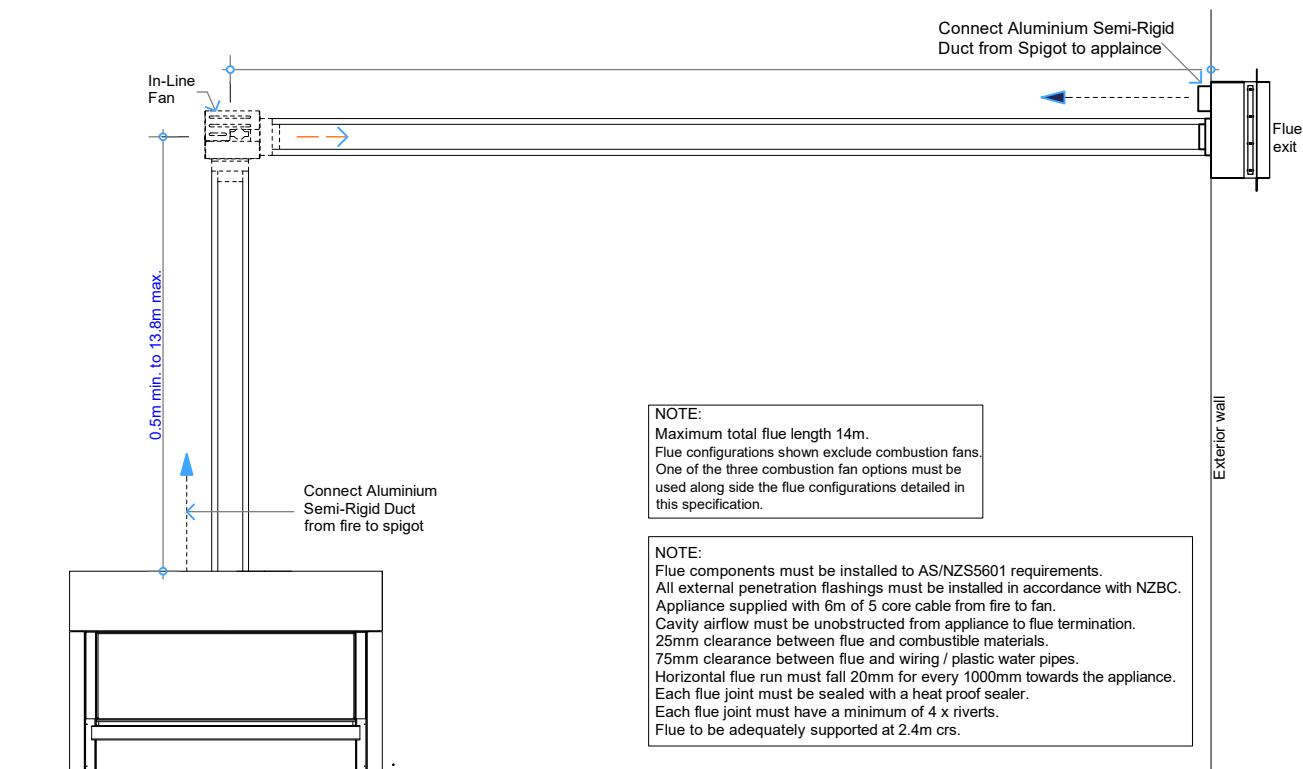
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HAND CRAFTED FIRES

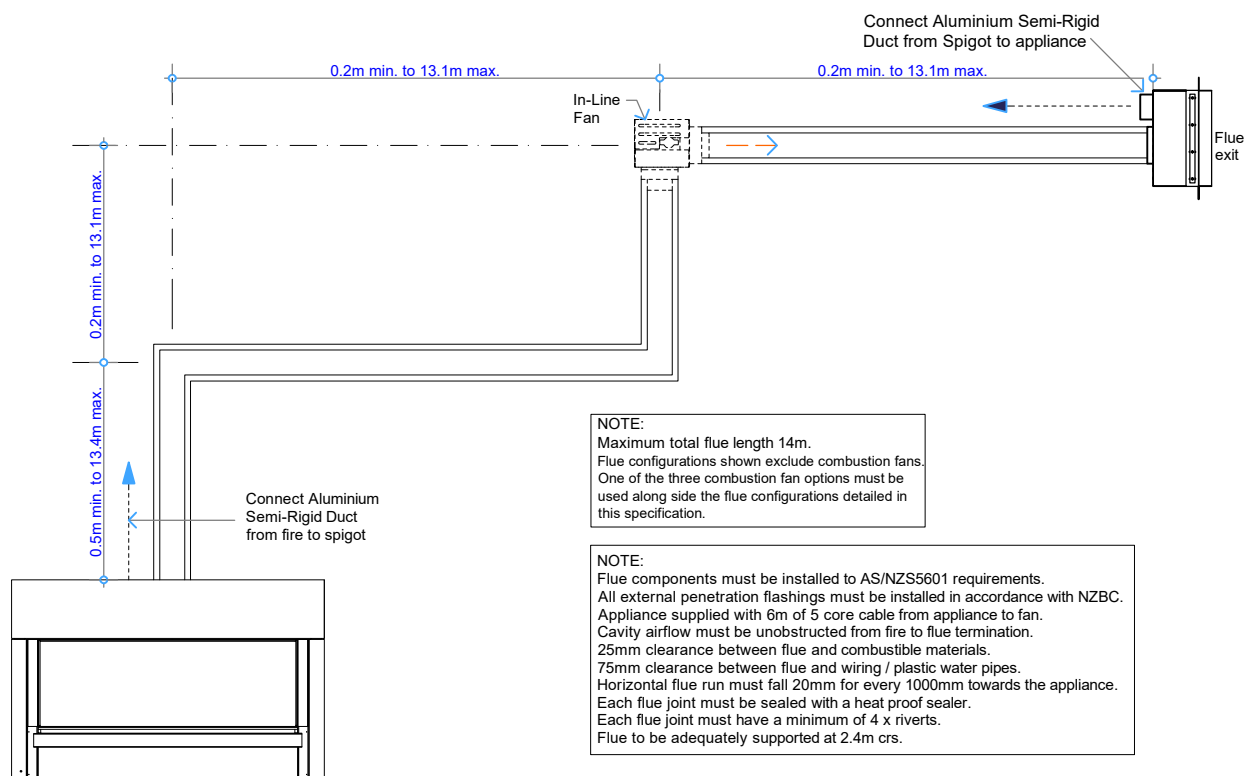
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Revision **6**



Horizontal Flue Combination GD5A



Horizontal Flue Combination GD5B

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Title: HORIZONTAL FLUE COMBINATION OPTIONS

Drawn: LB

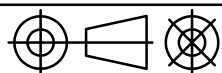
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

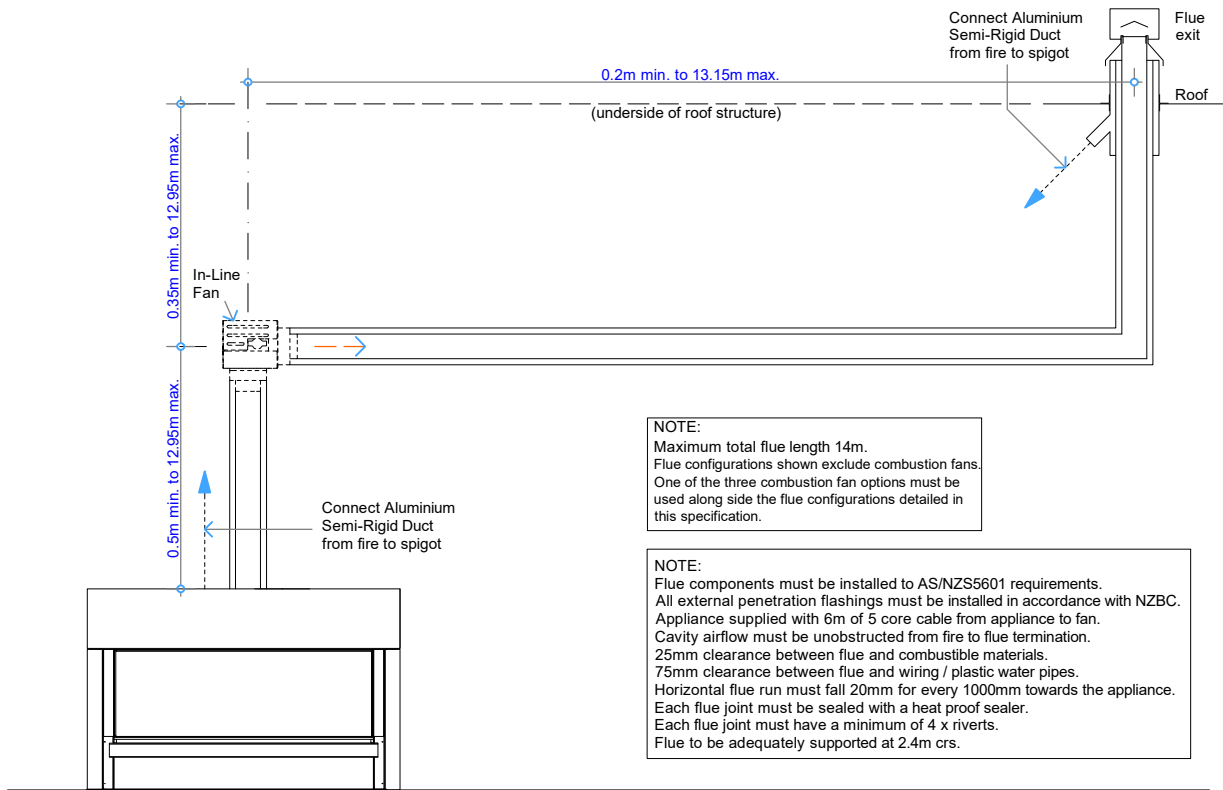
**THE FIRE DEPT.**  
HAND CRAFTED FIRES

Drawing No. **GD5-1600-909**

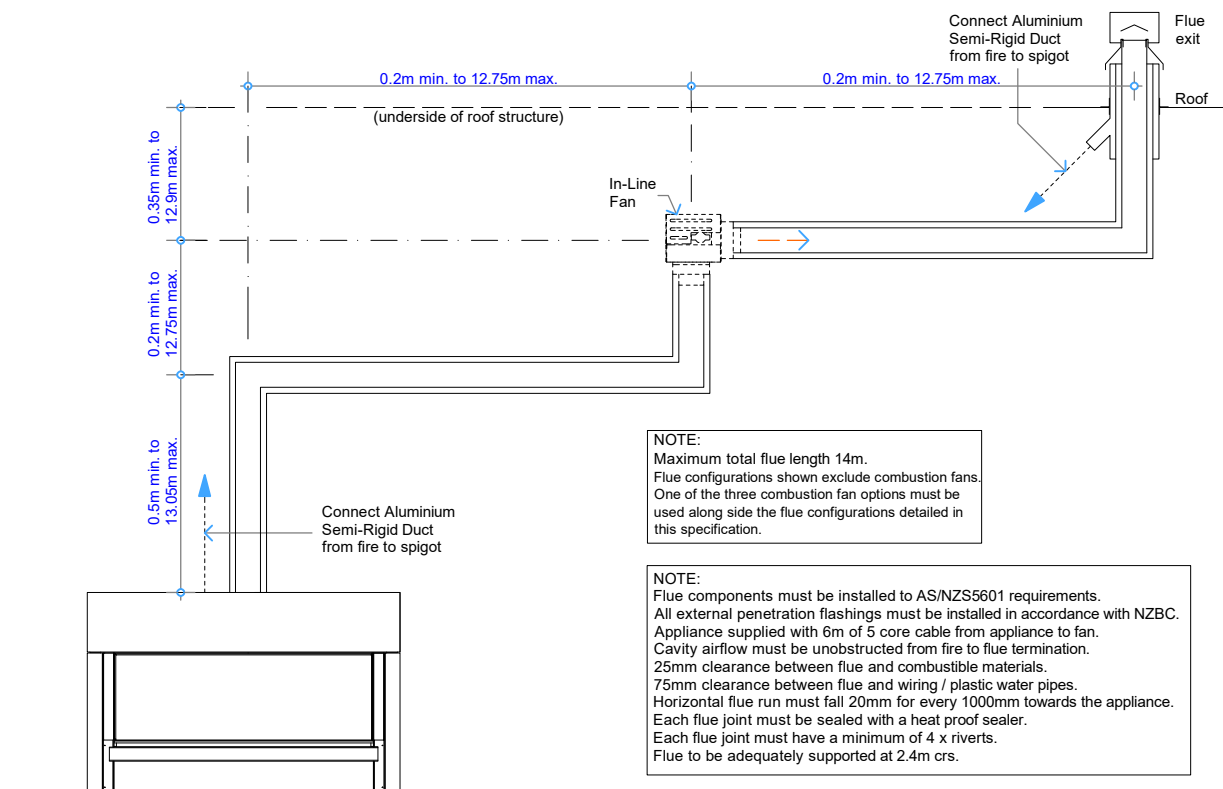
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Vertical Flue Combination GD5C



Vertical Flue Combination GD5D

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Title: VERTICAL FLUE COMBINATION OPTIONS

Drawn: LB

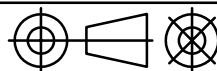
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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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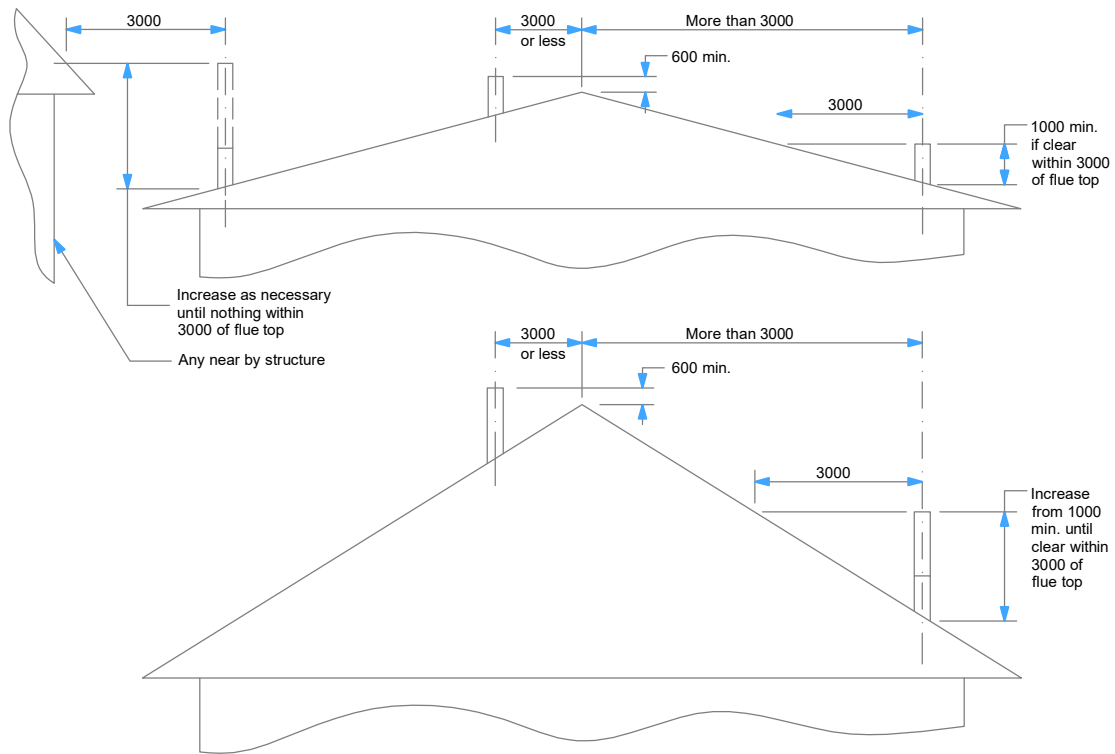
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Drawing No. **GD5-1600-910**

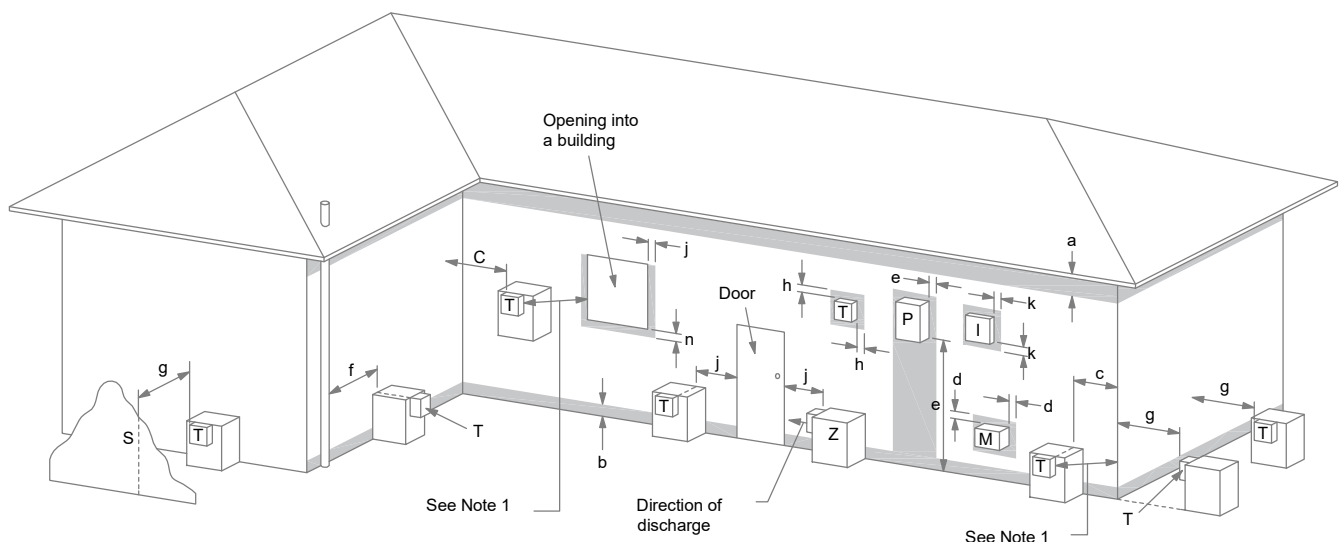
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Minimum Height of Flue System Exit  
Or as per AS/NZS 5601



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

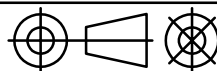
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

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