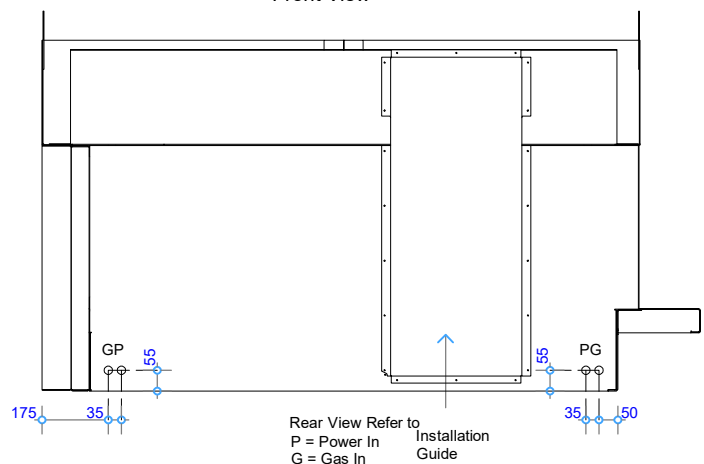
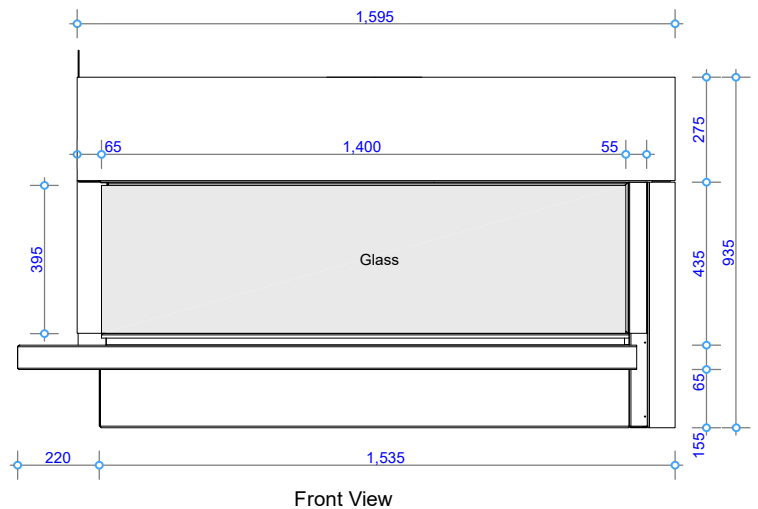
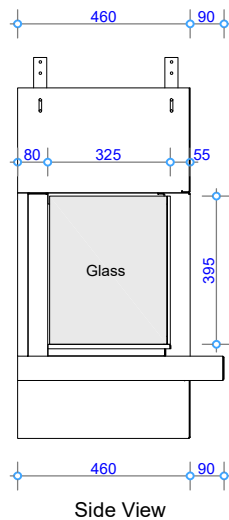
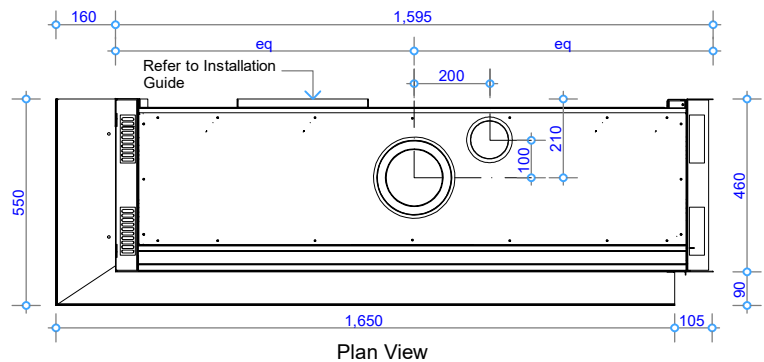




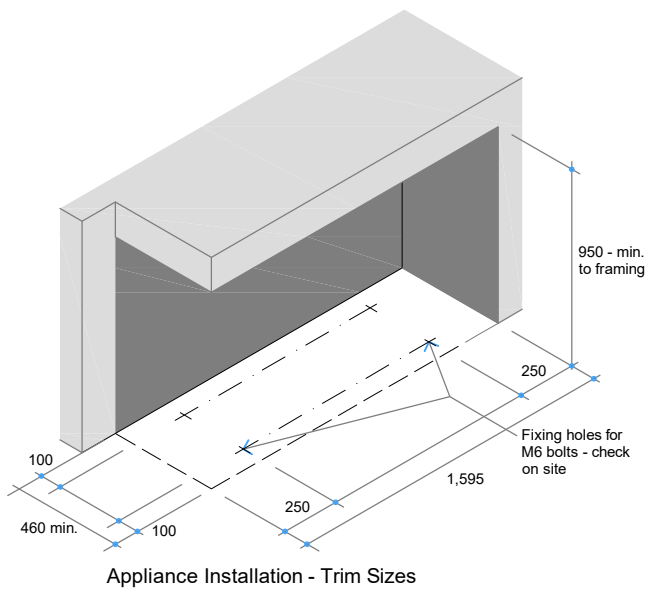
**GD4 | 1400**  
**GLASS LEFT**

**SPECIFICATIONS**

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



TOLERANCE = +/- 3mm

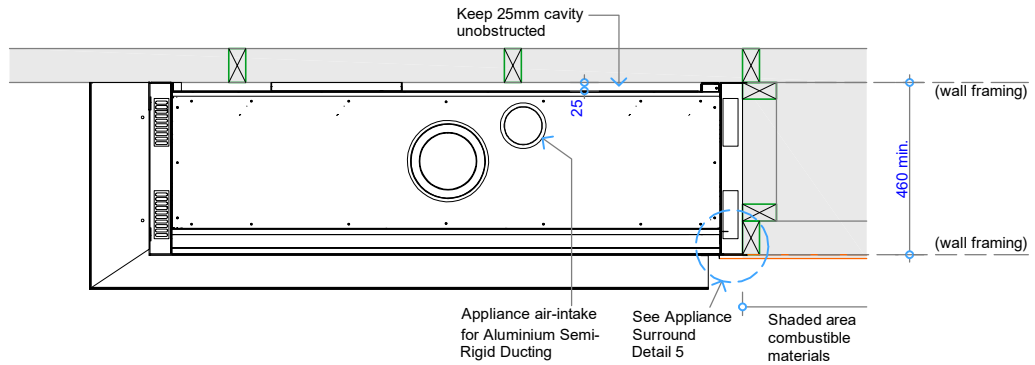


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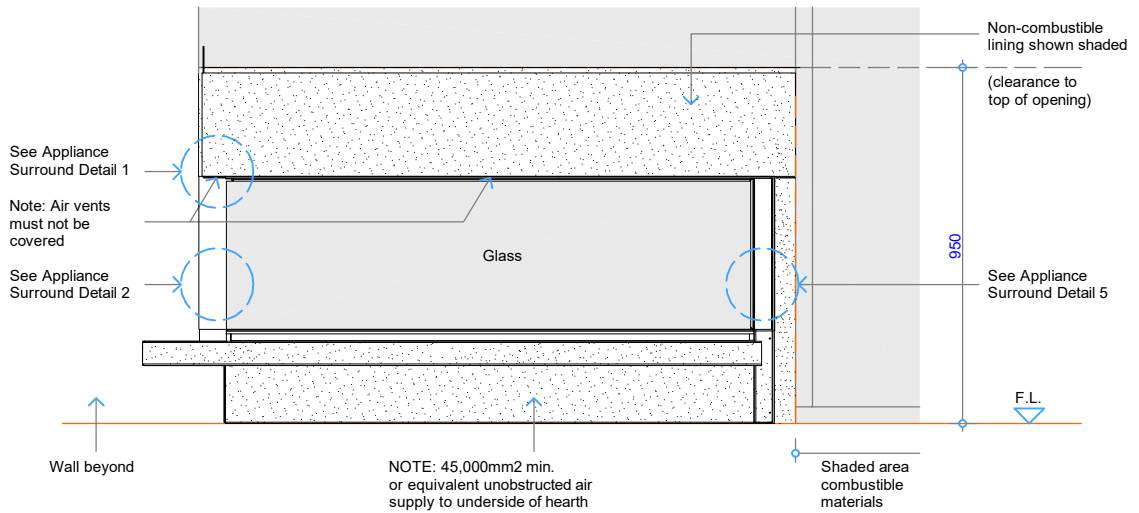
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Product: GD4-1400-GLASS LEFT		
Title: FIREBOX DIMENSIONS		
Drawn: LB	Date: 07/04/2020	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Drawing No.	GD4-1400-901L	Sheet 01 of 11

THE  
**FIRE  
DEPT.**  
HAND CRAFTED FIRES

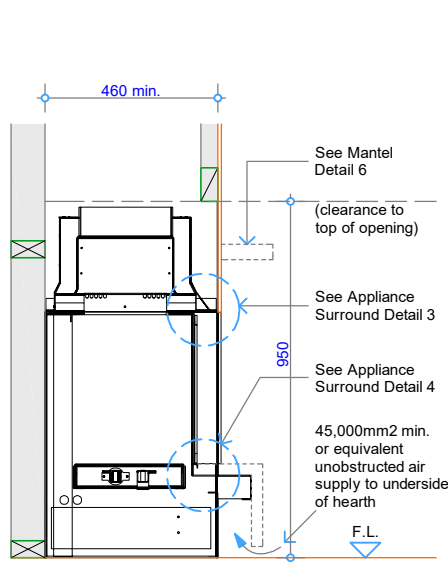
Revision 6



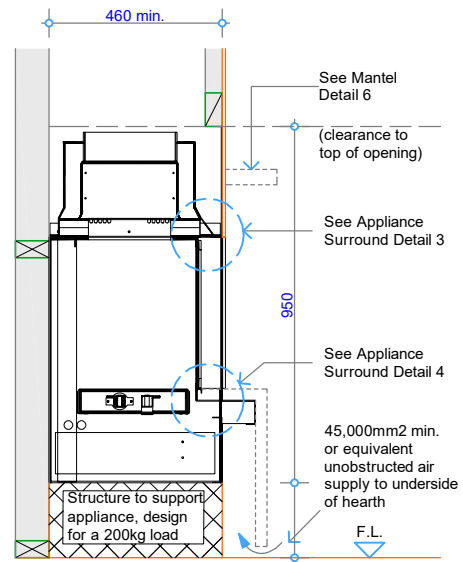
Plan View - Appliance Insert



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

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Client: THE FIRE DEPT.

Product: GD4-1400-GLASS LEFT

Title: CAVITY CLEARANCES

Drawn: LB

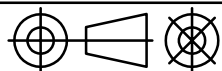
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

THE  
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 DEPT.**  
 HAND CRAFTED FIRES

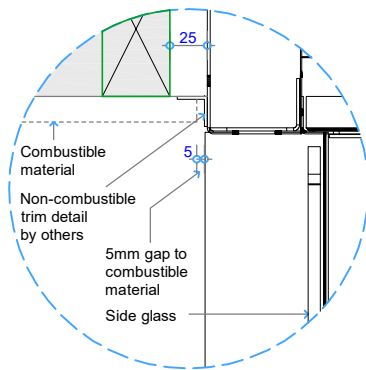
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**GD4-1400-902L**

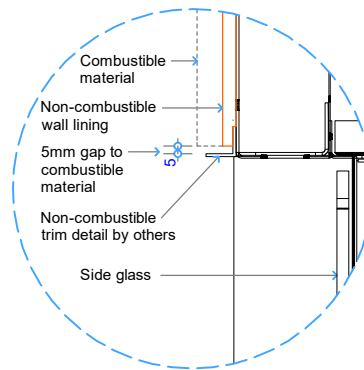
Sheet 02 of 11

Revision

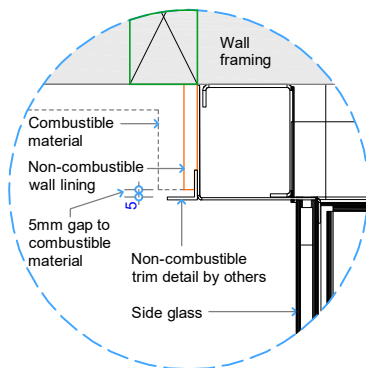
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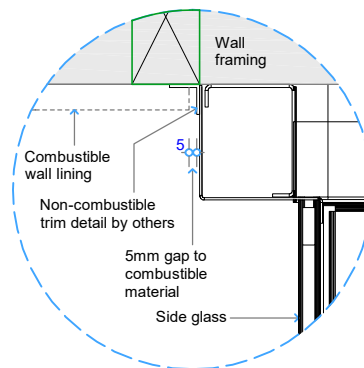
Detail 1 - Cross Section Appliance Surround Opt. 1



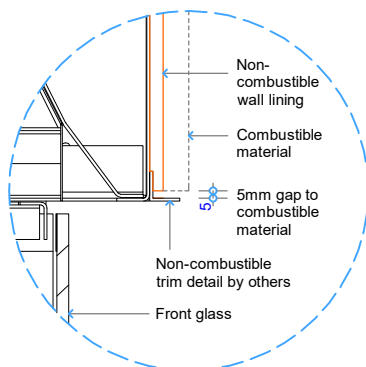
Detail 1 - Cross Section Appliance Surround Opt. 2



Detail 2 - Plan View Appliance Surround Opt. 3



Detail 2 - Plan View Appliance Surround Opt. 4



Detail 3 - Top of Appliance to Combustible Materials

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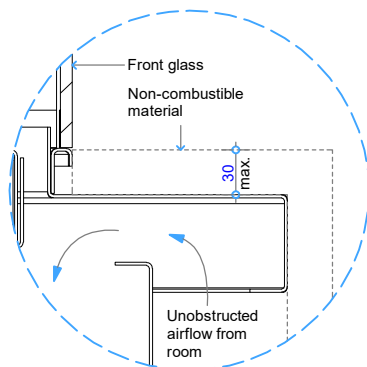
Client: THE FIRE DEPT.		
Product: GD4-1400-GLASS LEFT		
Title: SURROUND DETAILS		
Drawn: LB	Date: 07/04/2020	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	

THE  
 FIRE  
 DEPT.  
 HAND CRAFTED FIRES

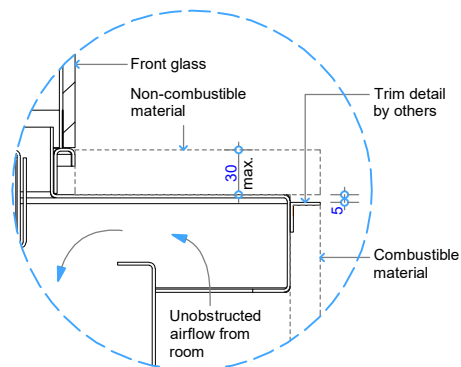
Drawing No. **GD4-1400-903L**

Sheet 03 of 11

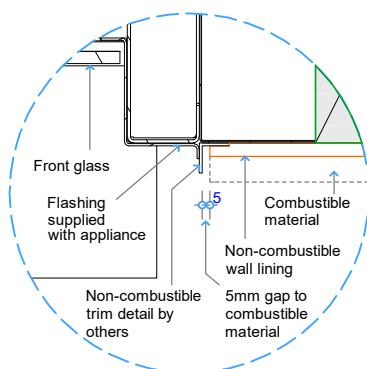
Revision 6



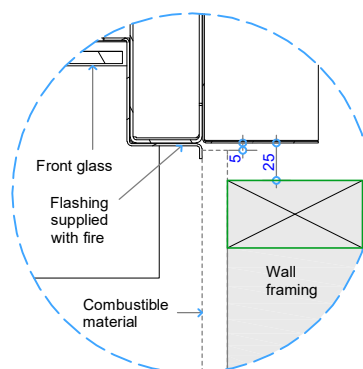
Detail 4 - Bottom of Appliance to Floor Opt. 5  
NOTE: 45,000mm<sup>2</sup> min. or equivalent unobstructed air supply to underside of hearth



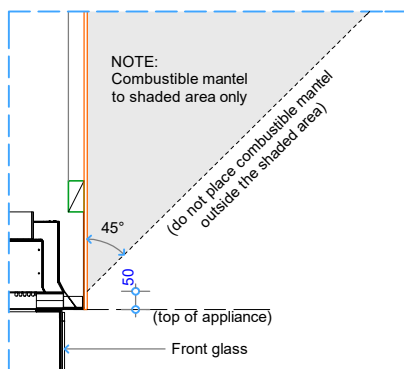
Detail 4 - Bottom of Appliance to Floor Opt. 6  
NOTE: 45,000mm<sup>2</sup> min. or equivalent unobstructed air supply to underside of hearth



Detail 5 - Plan View Appliance Surround Opt. 7



Detail 5 - Plan View Appliance Surround Opt. 8



Detail 6 - Top of Appliance to Combustible Mantel

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Client: THE FIRE DEPT.

Product: GD4-1400-GLASS LEFT

Title: SURROUND DETAILS

Drawn: LB

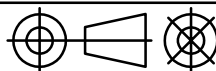
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

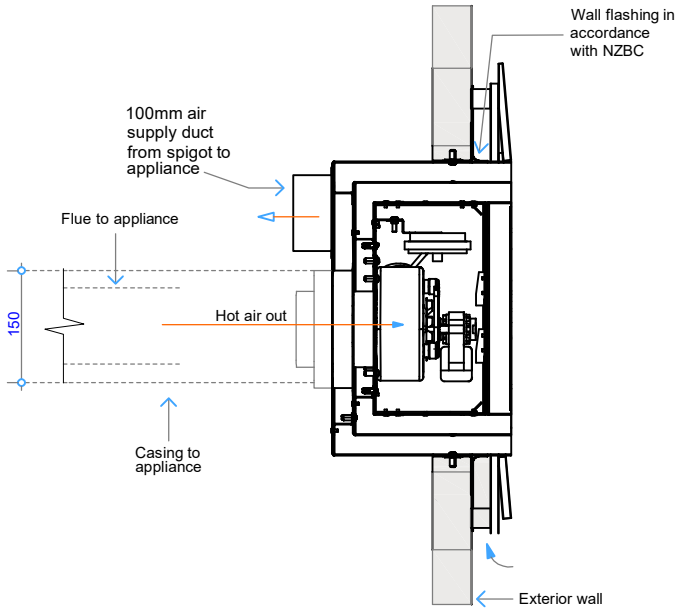
THE  
**FIRE  
 DEPT.**  
 HAND CRAFTED FIRES

Drawing No. **GD4-1400-904L**

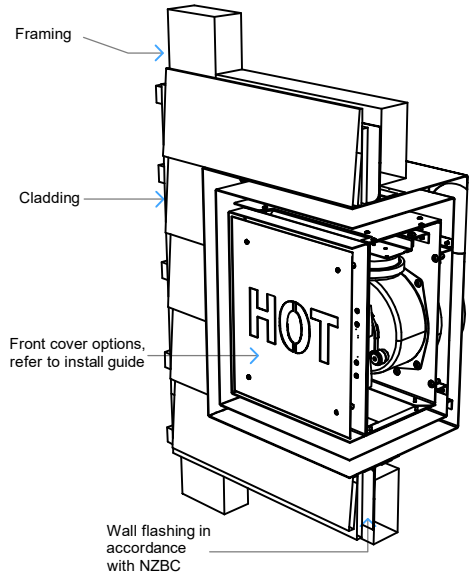
Sheet 04 of 11

Revision

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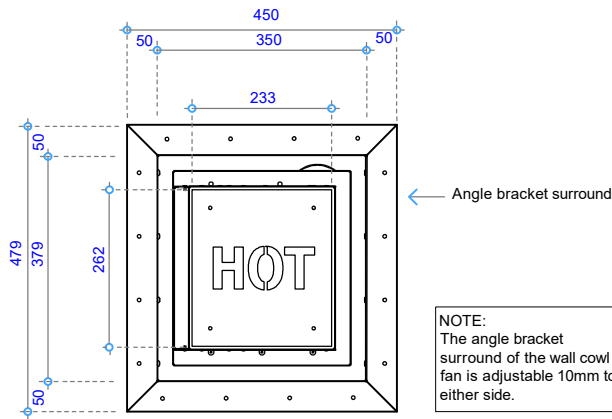
Detail - Combustion fan Option 1  
Wall cowl fan, horizontal exit



Detail - Wall cowl fan, vertical exit

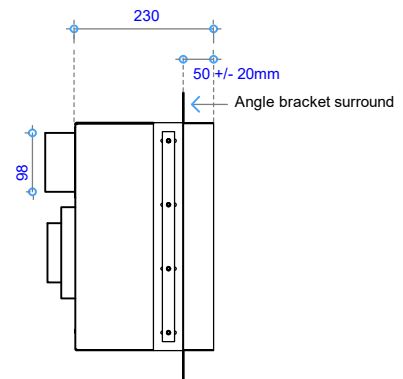
**NOTE:**  
Flue components must be installed to AS/NZS5601 requirements.  
All external penetration flashings must be installed in accordance with NZBC.  
Appliance supplied with 6m of 5 core cable from appliance to fan.  
Cavity airflow must be unobstructed from appliance to flue termination.  
25mm 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: GD4-1400-GLASS LEFT

Title: HORIZONTAL WALL COWL FAN EXIT DETAILS

Drawn: LB

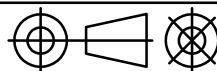
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

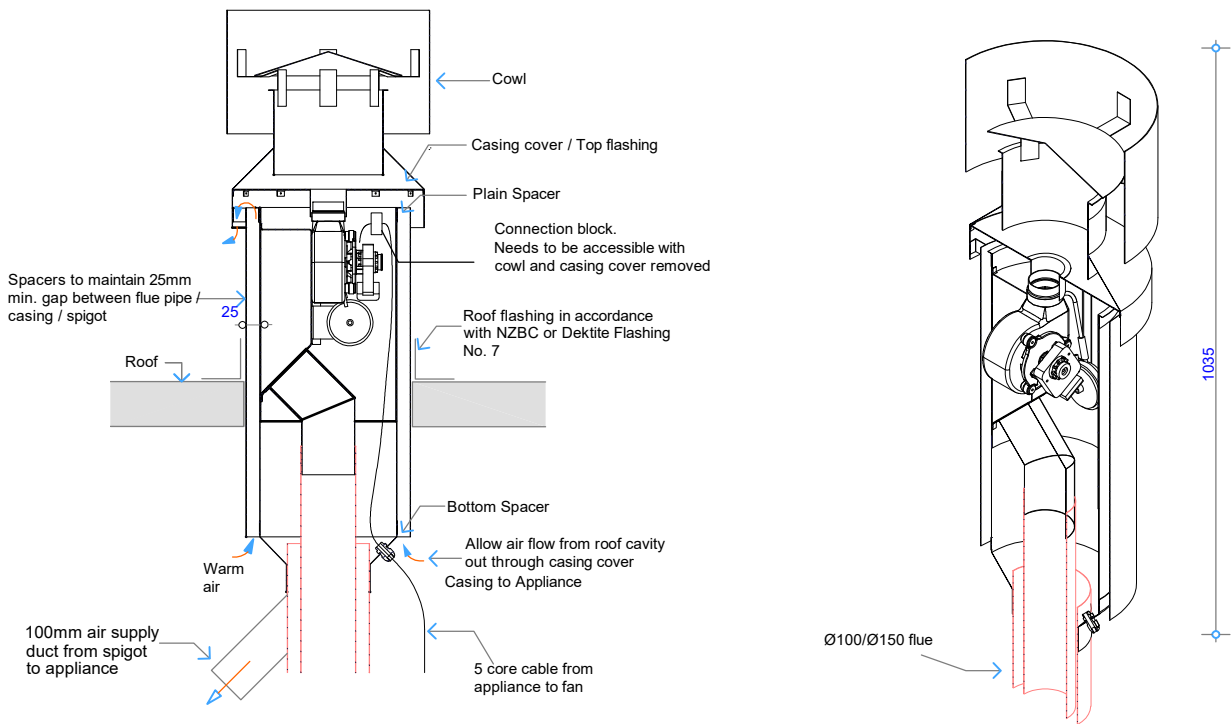
Drawing No. **GD4-1400-905L**

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**THE FIRE DEPT.**  
HAND CRAFTED FIRES

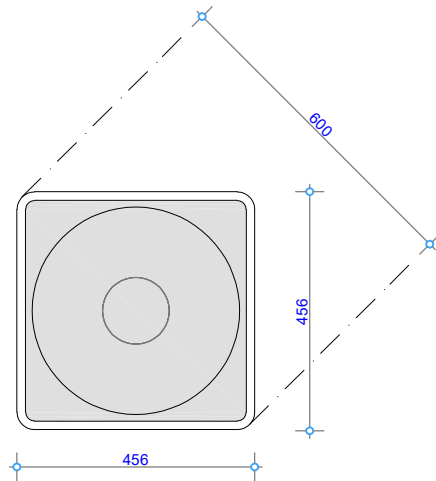


Detail - Combustion fan Option 2  
Cowl fan, horizontal exit

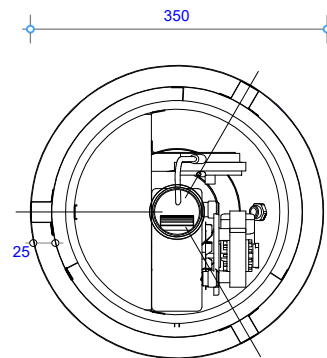
**NOTE:**

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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Client: THE FIRE DEPT.

Product: GD4-1400-GLASS LEFT

Title: VERTICAL COWL FAN, EXIT DETAILS

Drawn: LB

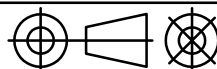
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

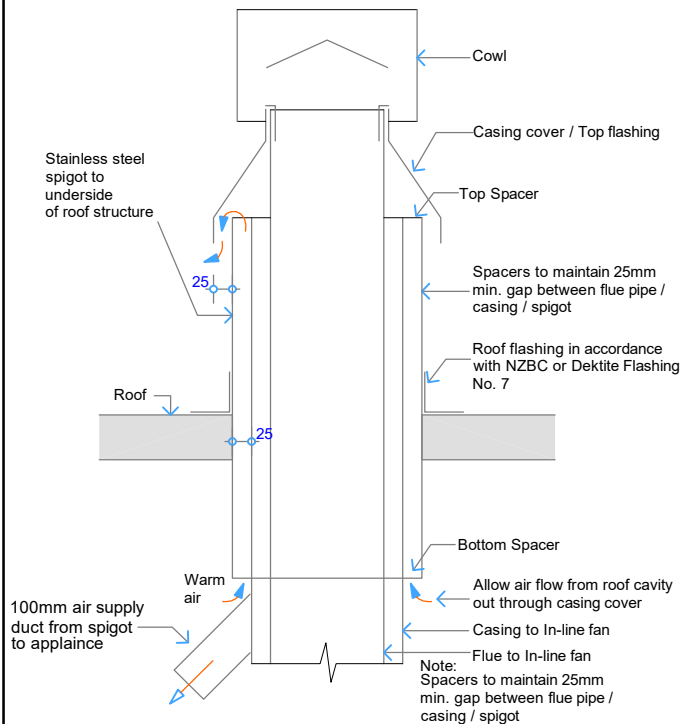
**THE FIRE DEPT.**  
HAND CRAFTED FIRES

Drawing No. **GD4-1400-906L**

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Revision

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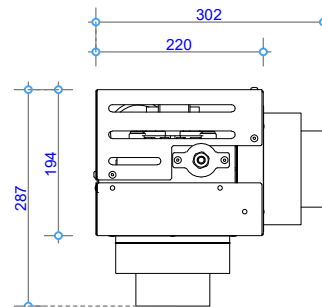


Detail - Air Ventilation through Casing cover/ Top flashing  
Option 3A - To be used in conjunction with Fan Option 3

**NOTE:**

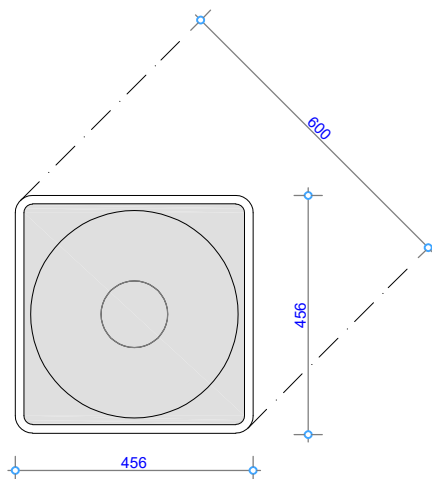
Flue components must be installed to AS/NZS5601 requirements.  
All external penetration flashings must be installed in accordance with NZBC.  
Appliance supplied with 6m of 5 core cable from fire to fan.  
Cavity airflow must be unobstructed from fire to flue termination.  
25mm clearance between flue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

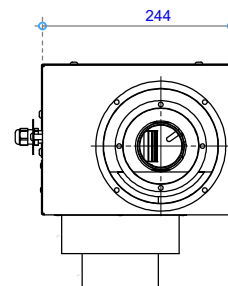


Detail - Combustion fan Option 3  
In-Line Fan Side View

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: GD4-1400-GLASS LEFT

Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS

Drawn: LB

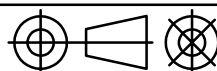
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

**THE FIRE DEPT.**  
HAND CRAFTED FIRES

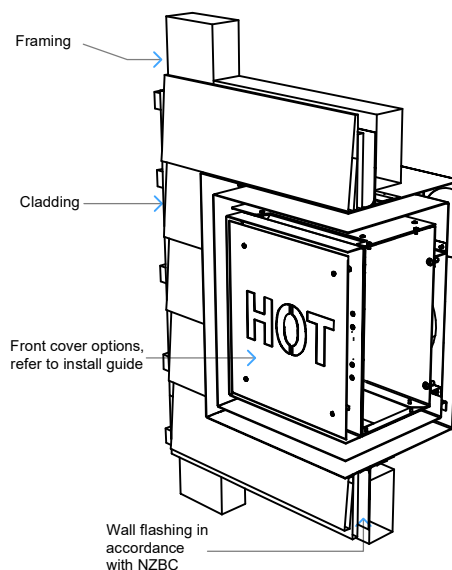
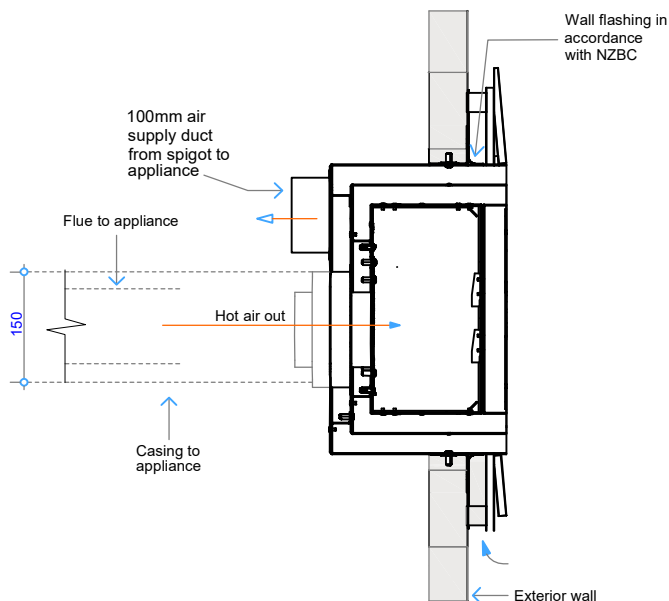
Drawing No. **GD4-1400-907L**

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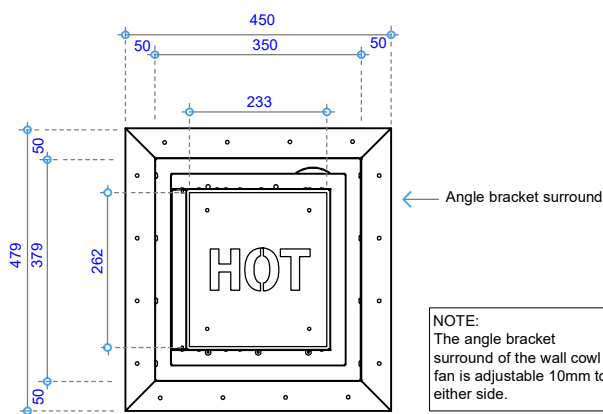
Detail - Wall cowl, horizontal exit  
Option 3B - To be used in conjunction with Fan Option 3

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.

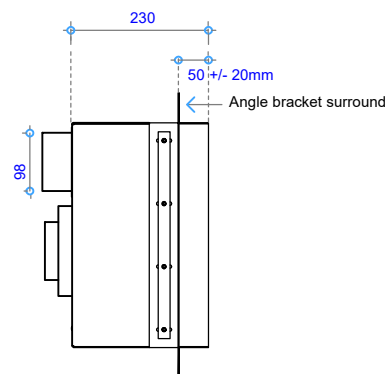
Flue components:  
100mm dia. Flue  
150mm dia. Casing  
100mm Ducting



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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Client: THE FIRE DEPT.

Product: GD4-1400-GLASS LEFT

Title: HORIZONTAL WALL COWL EXIT DETAILS

Drawn: LB

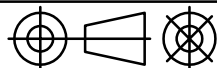
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Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



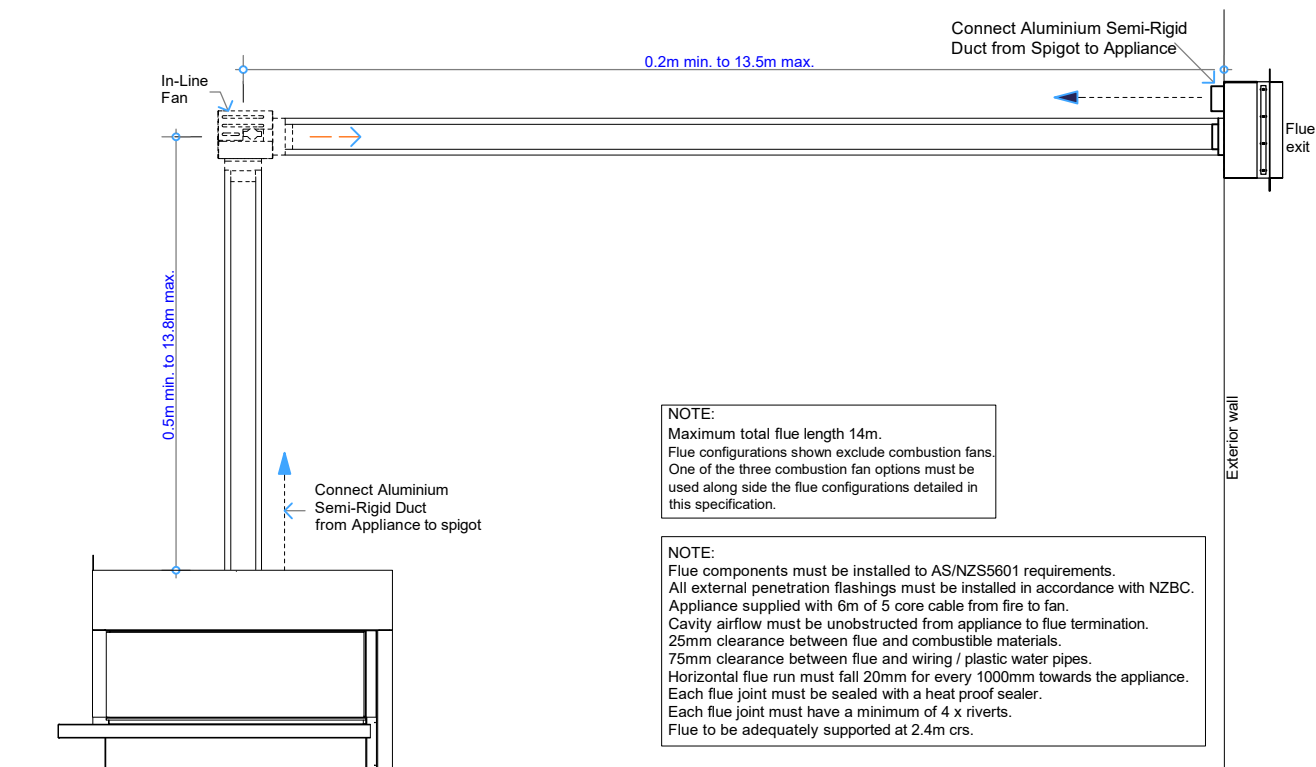
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**THE FIRE DEPT.**  
HAND CRAFTED FIRES

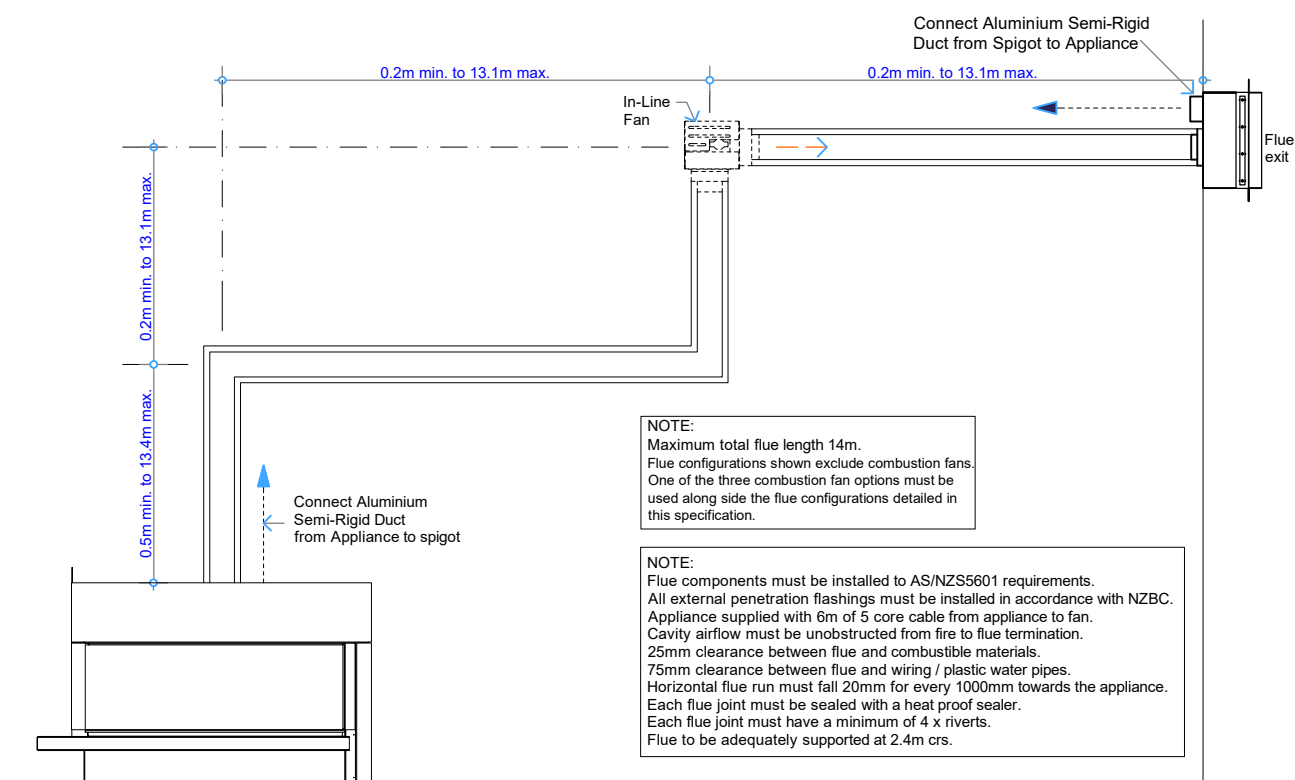
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Revision **6**



Horizontal Flue Combination GD4A



Horizontal Flue Combination GD4B

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Product: GD4-1400-GLASS LEFT

Title: HORIZONTAL FLUE COMBINATION OPTIONS

Drawn: LB

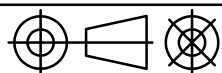
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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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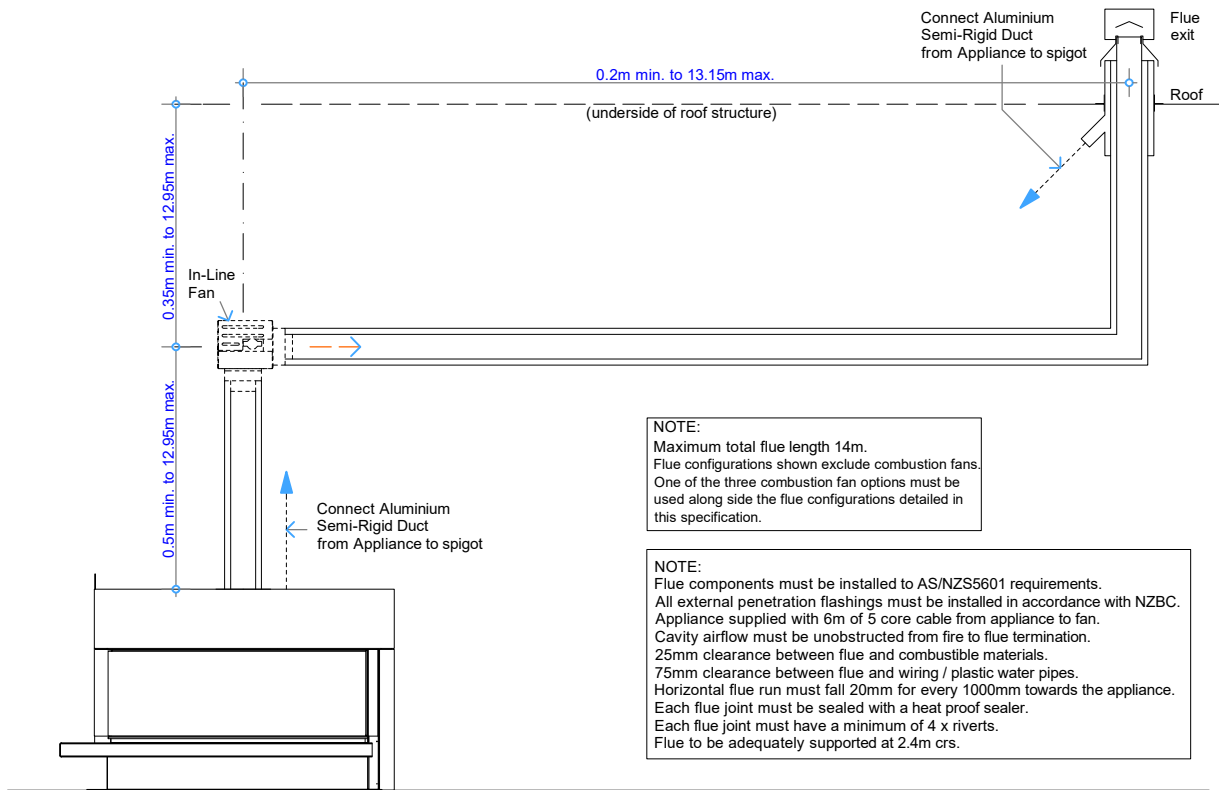
**THE FIRE DEPT.**  
HAND CRAFTED FIRES

Drawing No. **GD4-1400-909L**

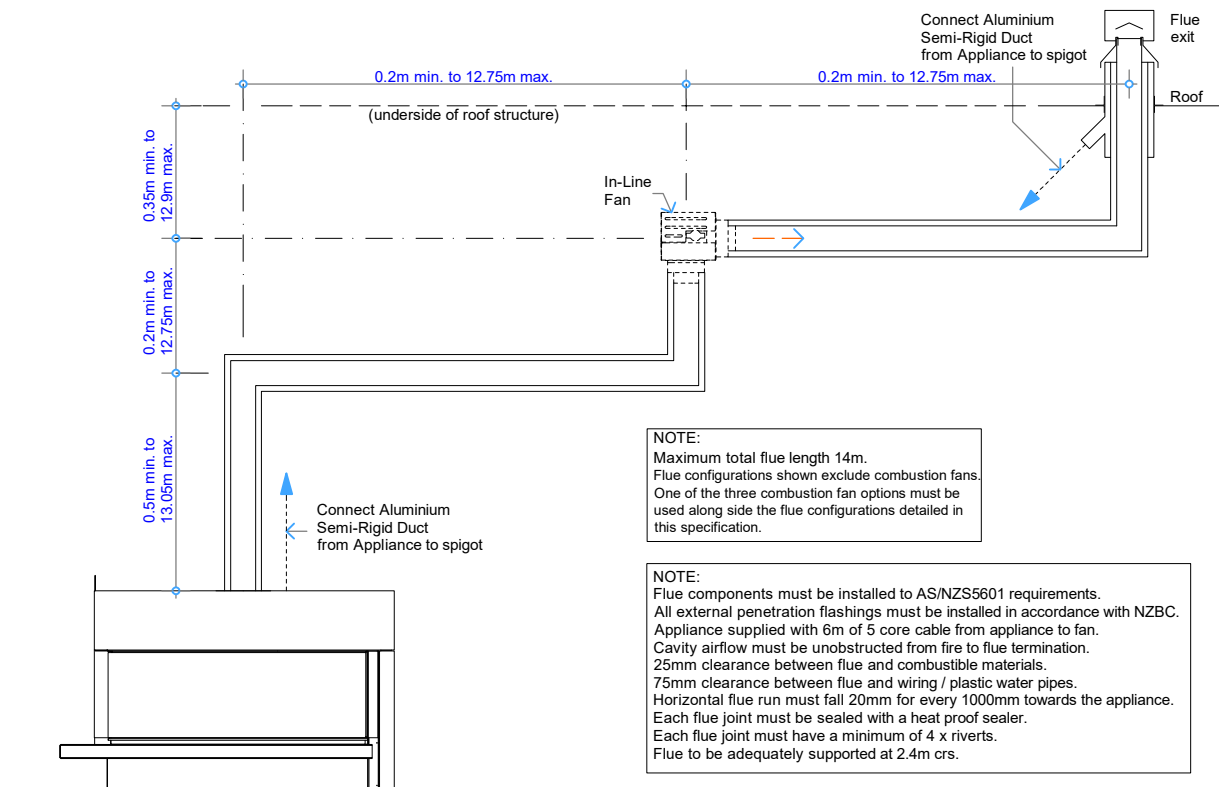
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Revision

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Vertical Flue Combination GD4C



Vertical Flue Combination GD4D

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Client: THE FIRE DEPT.

Product: GD4-1400-GLASS LEFT

Title: VERTICAL FLUE COMBINATION OPTIONS

Drawn: LB

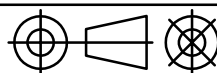
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Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



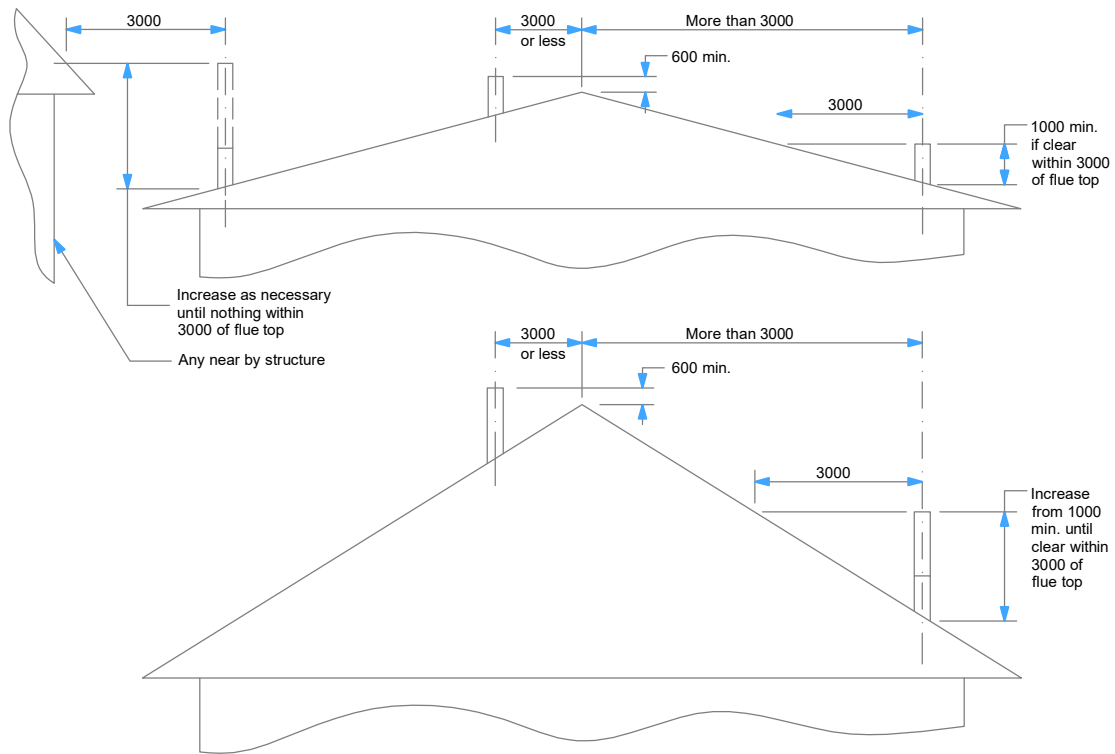
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THE  
**FIRE  
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HAND CRAFTED FIRES

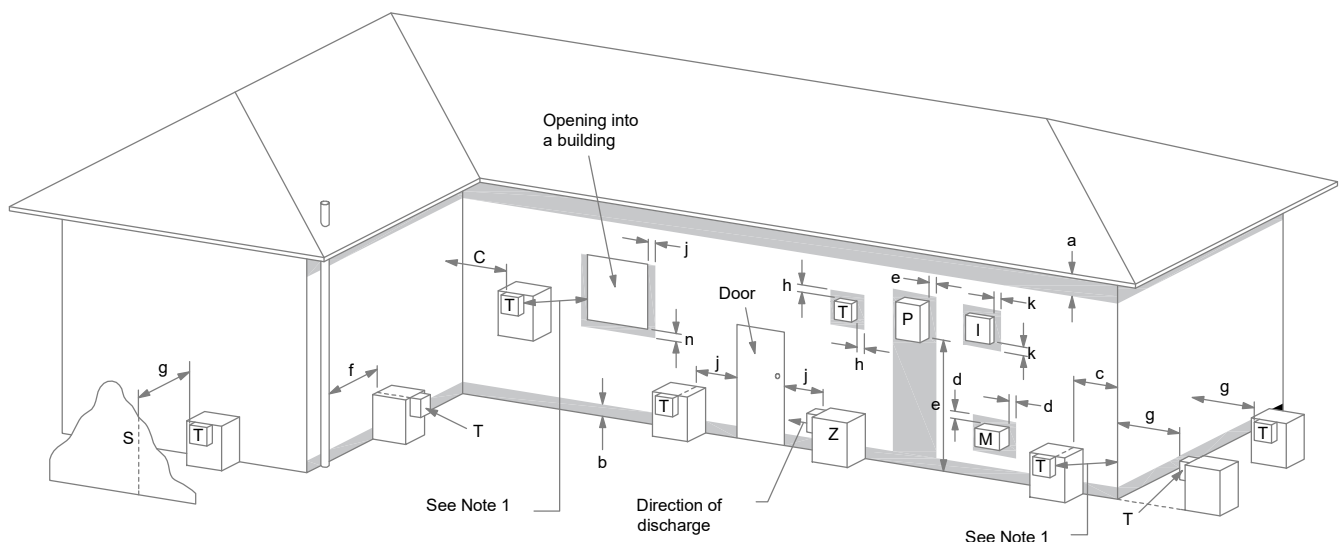
Drawing No. **GD4-1400-910L**

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Revision **6**



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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Product: GD4-1400-GLASS LEFT

Title: FLUE EXIT CLEARANCES

Drawn: LB

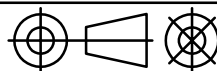
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

THE  
**FIRE  
DEPT.**  
HAND CRAFTED FIRES

Drawing No. **GD4-1400-911L**

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