

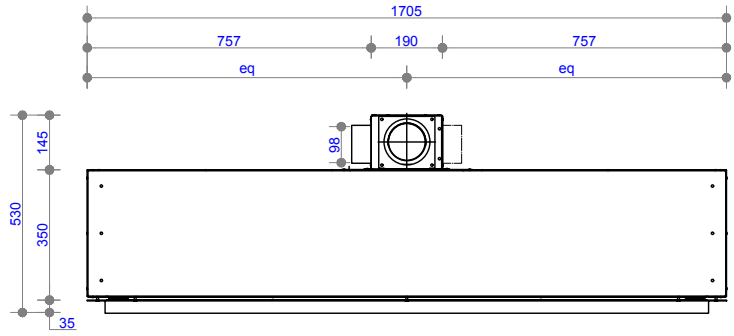


GD1 | 1600
SPECIFICATIONS

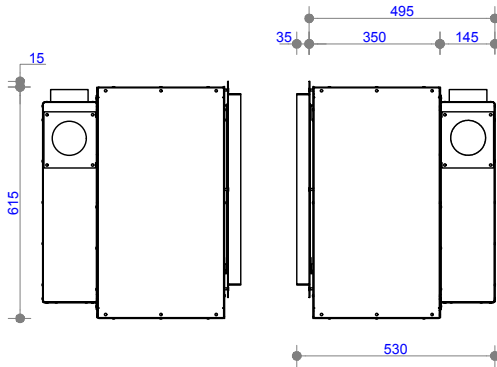
Information in this specification may be subject to change without notice. Please ensure you have the current version before beginning installation.

PLEASE BE AWARE!

Installation required specific wiring requirements including a wall mounted switch.
Ensure electrician is made aware ASAP and homeowner has specified switch location.

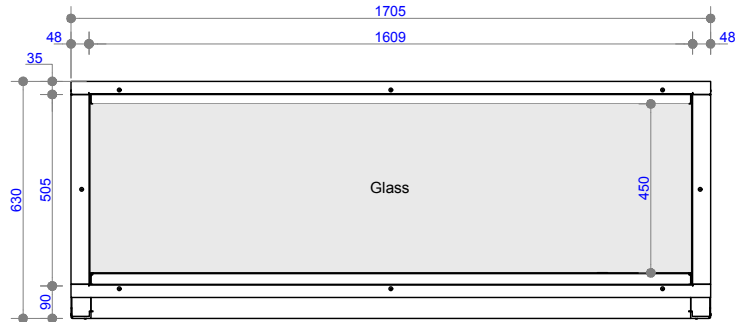


Plan View

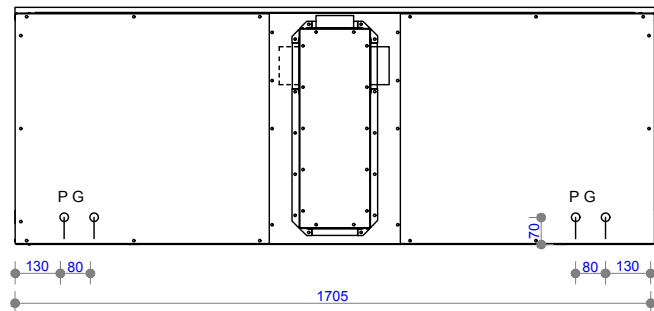


Side View

Side View

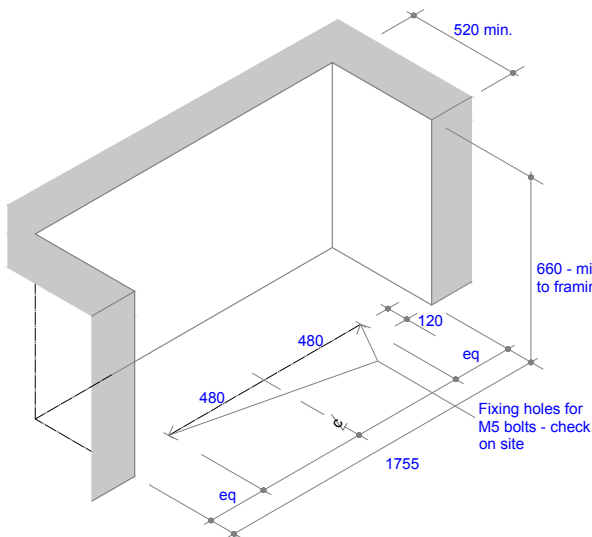


Front View



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: GD1-1600

Title: FIREBOX DIMENSIONS

Drawn: LB

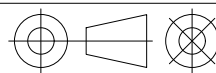
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

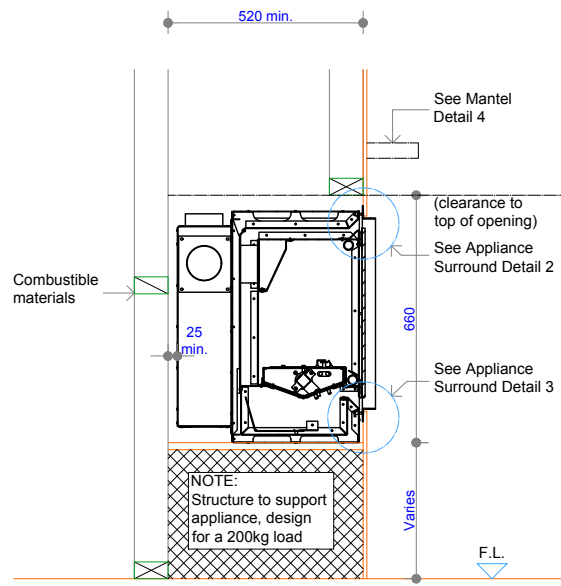
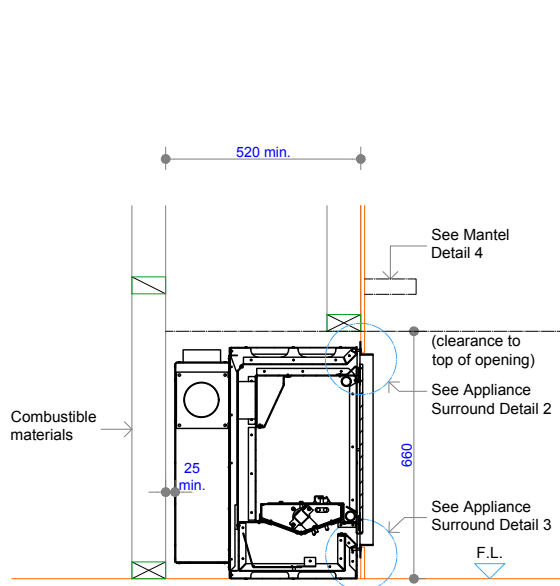
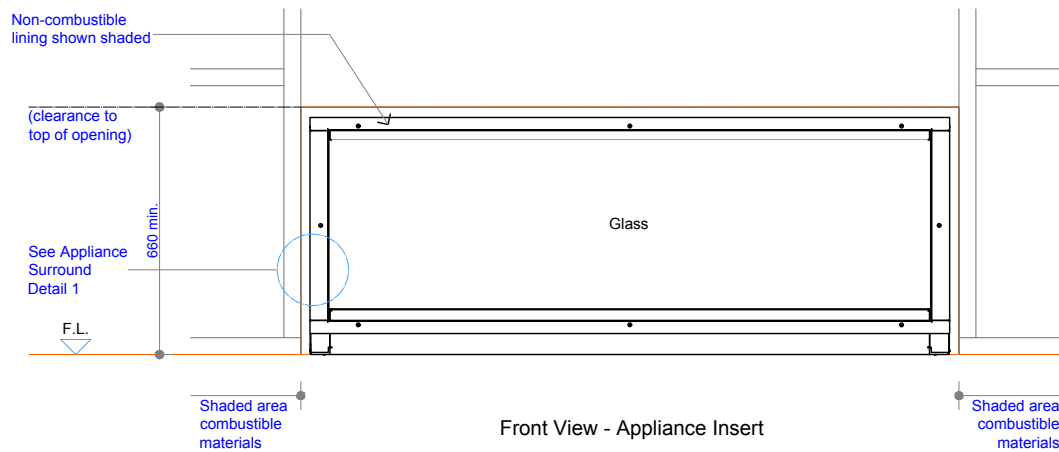
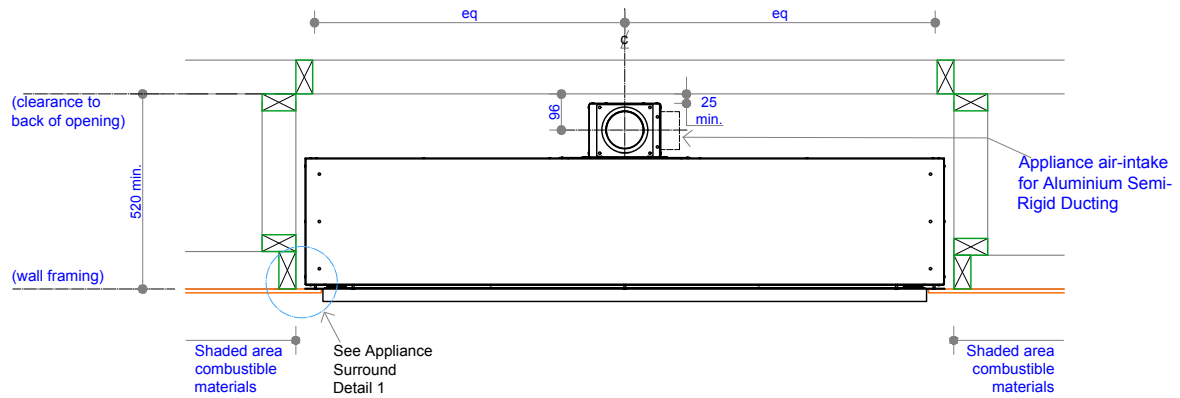
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HAND CRAFTED FIRES

Drawing No. **GD1-1600-901**

Sheet 01 of 10

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NOTE: Plinth height can vary to suit

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Title: CAVITY CLEARANCES

Drawn: LB

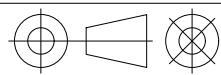
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

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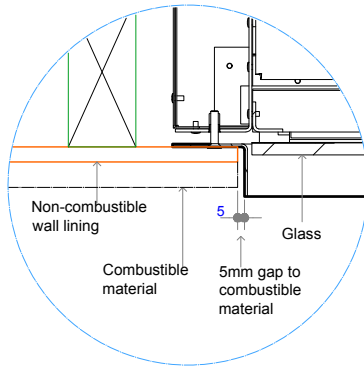
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GD1-1600-902

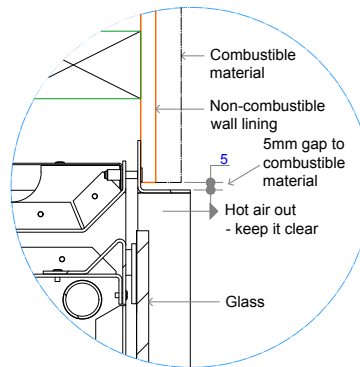
Sheet 02 of 10

Revision

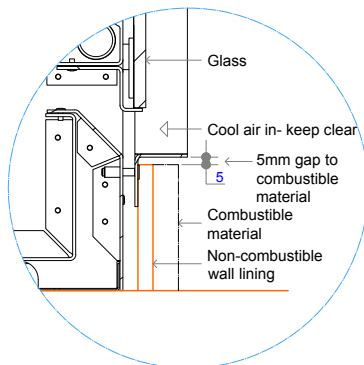
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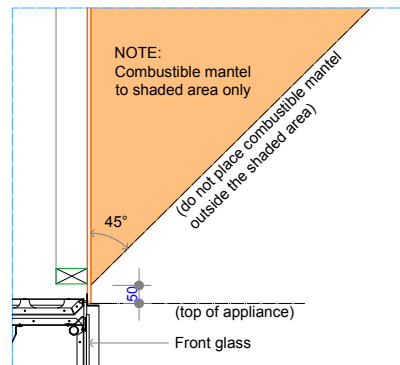
Detail 1 - Plan View Appliance Surround



Detail 2 - Top of Appliance to Combustible Materials



Detail 3 - Bottom of Appliance to Floor



Detail 4 - Top of Appliance to Combustible Mantel

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Product: GD1-1600

Title: SURROUND DETAILS

Drawn: LB

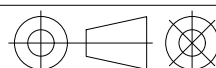
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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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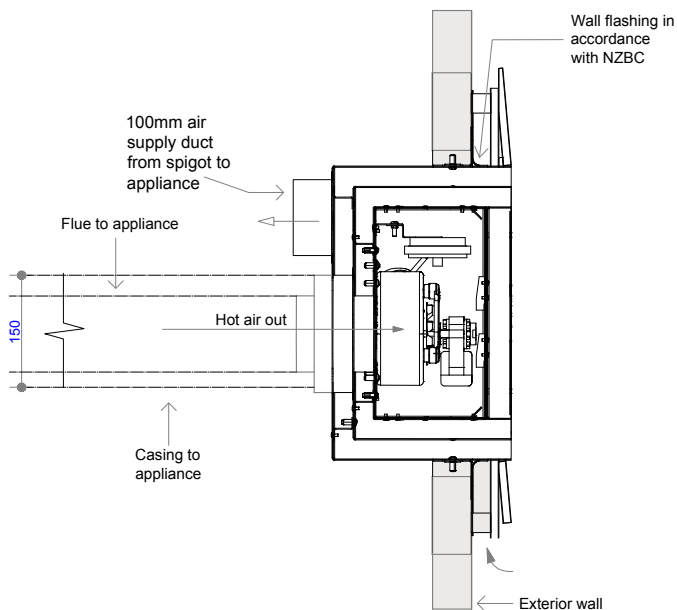
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Drawing No. **GD1-1600-903**

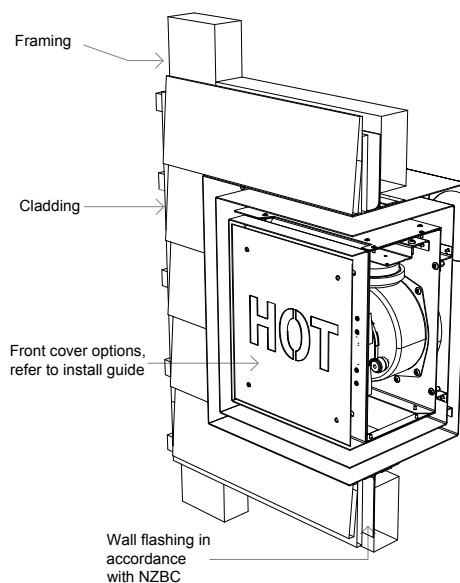
Sheet 03 of 10

Revision

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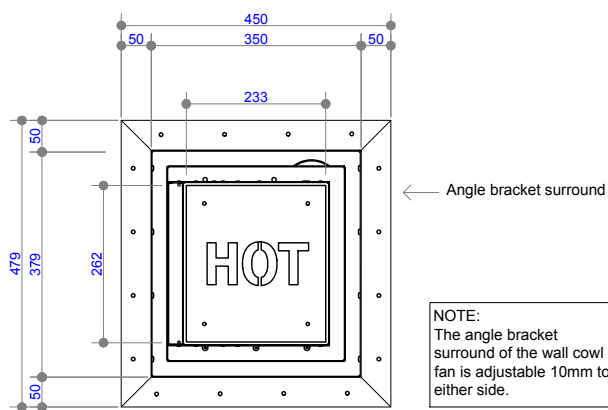
Detail - Combustion fan Option 1
Wall cowl fan, horizontal exit



Detail - Wall cowl fan, horizontal exit

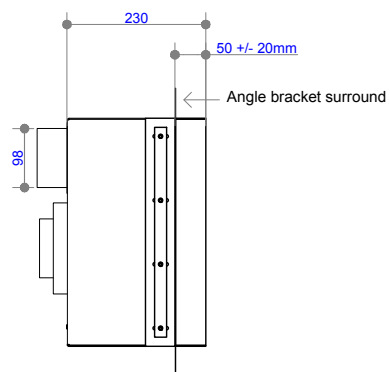
NOTE:
Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from fire to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the 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: GD1-1600

Title: HORIZONTAL WALL COWL FAN EXIT DETAILS

Drawn: LB

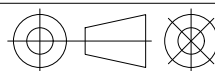
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

THE FIRE DEPT.
HAND CRAFTED FIRES

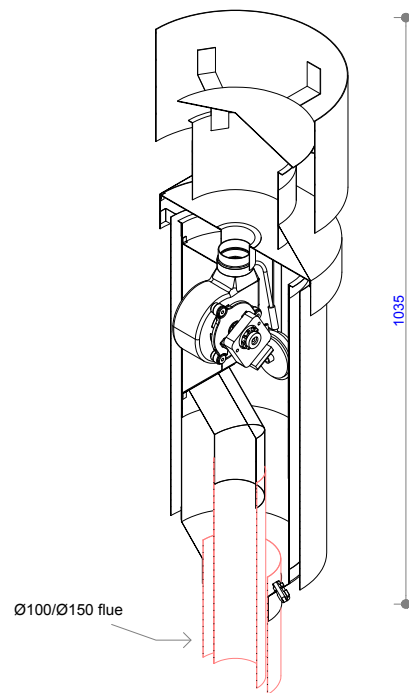
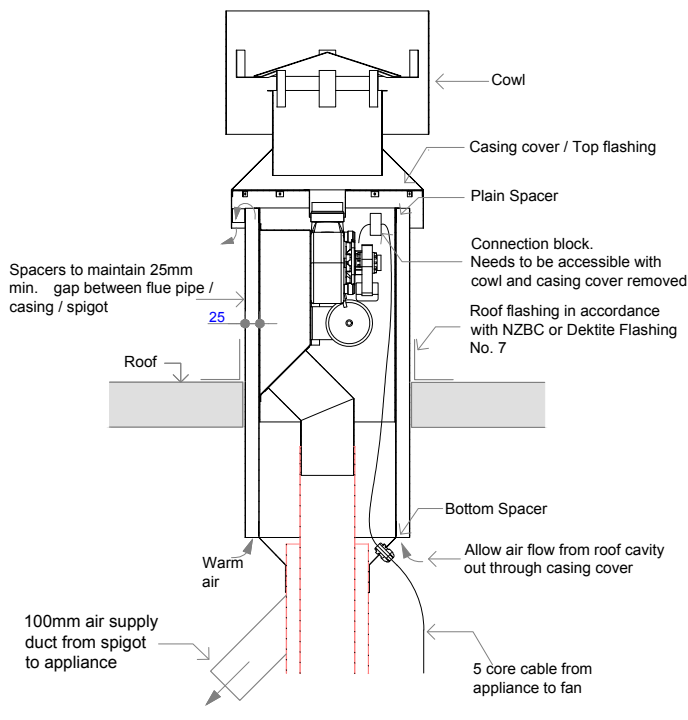
Drawing No.

GD1-1600-904

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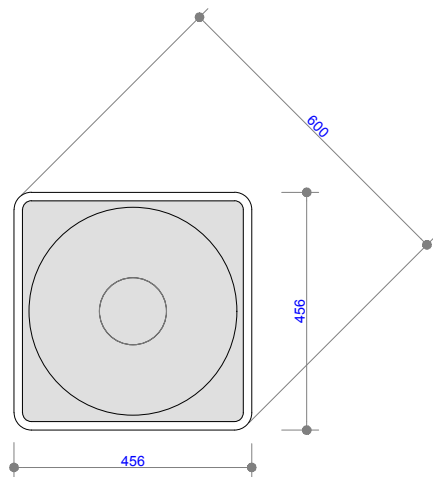


Detail - Combustion fan Option 2
Cowl fan, vertical exit

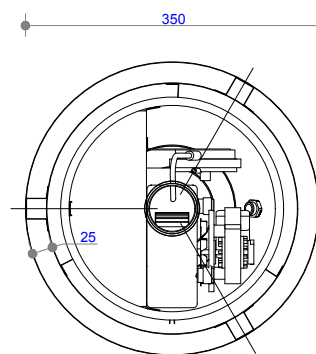
NOTE:

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 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 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: GD1-1600

Title: VERTICAL COWL FAN, EXIT DETAILS

Drawn: LB

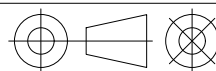
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

Drawing No.

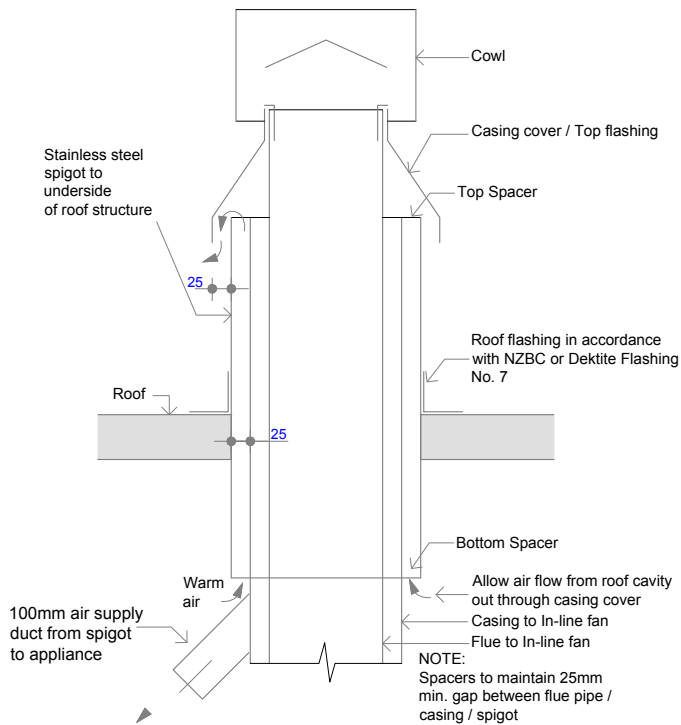
GD1-1600-905

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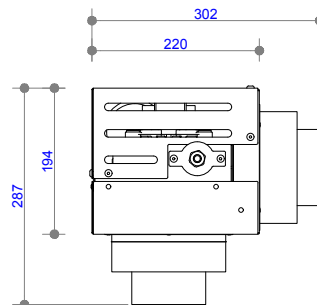


Detail - Air Ventilation through Casing cover/ Top flashing
Option 3A - To be used in conjunction with Fan Option 3

NOTE:

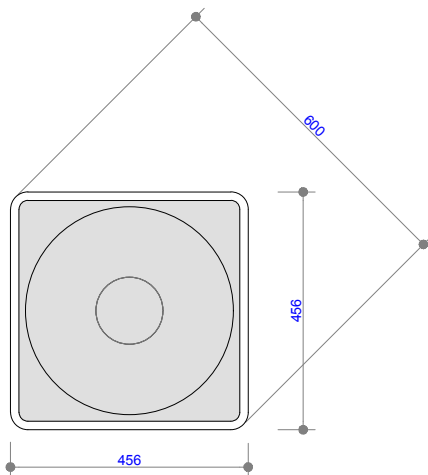
Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from fire to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the 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
200mm dia. Spigot
100mm Ducting

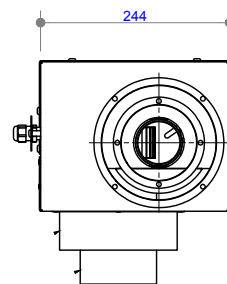


Detail - Combustion fan Option 3
In-Line Fan Side View

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: GD1-1600

Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS

Drawn: LB

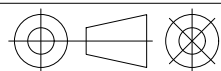
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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

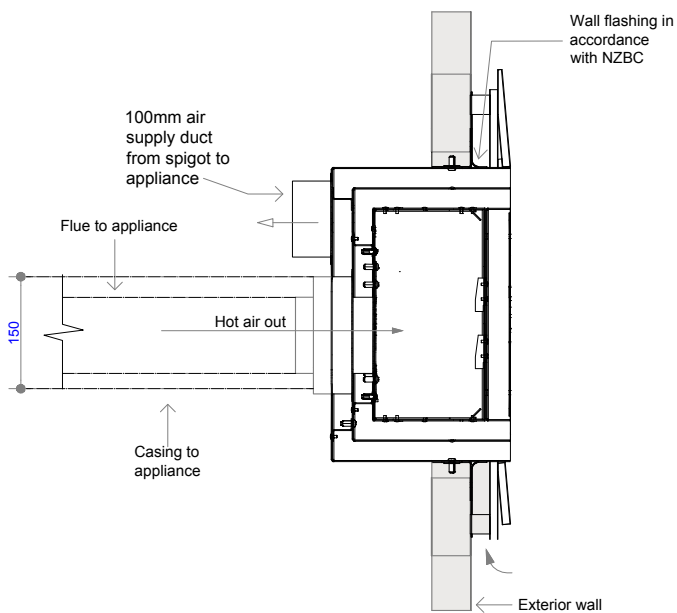
Drawing No. **GD1-1600-906**

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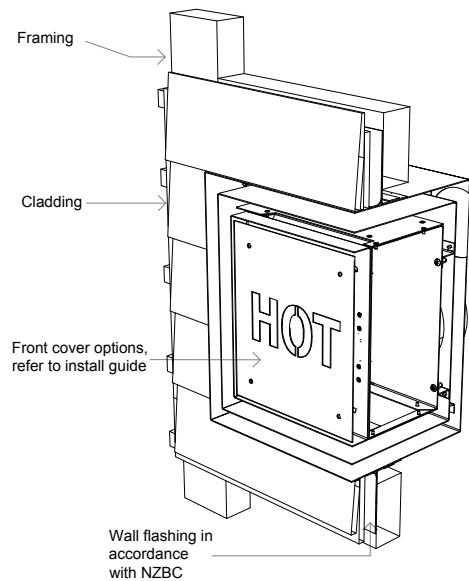
THE FIRE DEPT.
HAND CRAFTED FIRES



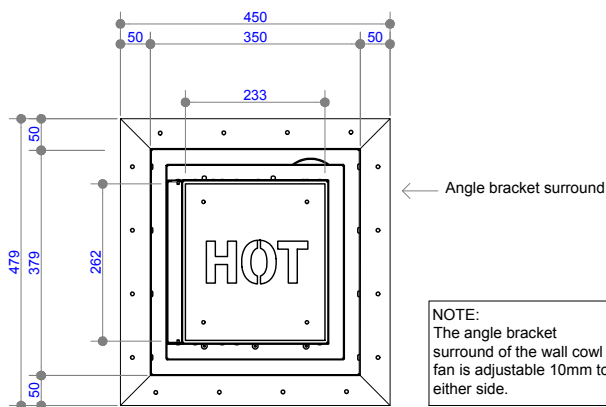
Detail - Wall cowl, horizontal exit
Option 3B - To be used in conjunction with Fan Option 3

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 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 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

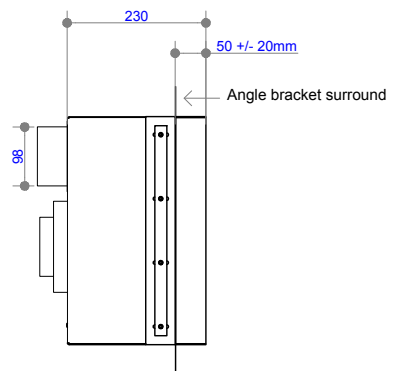


Detail - Wall cowl, horizontal exit



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: GD1-1600

Title: HORIZONTAL WALL COWL EXIT DETAILS

Drawn: LB

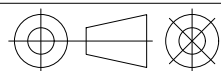
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

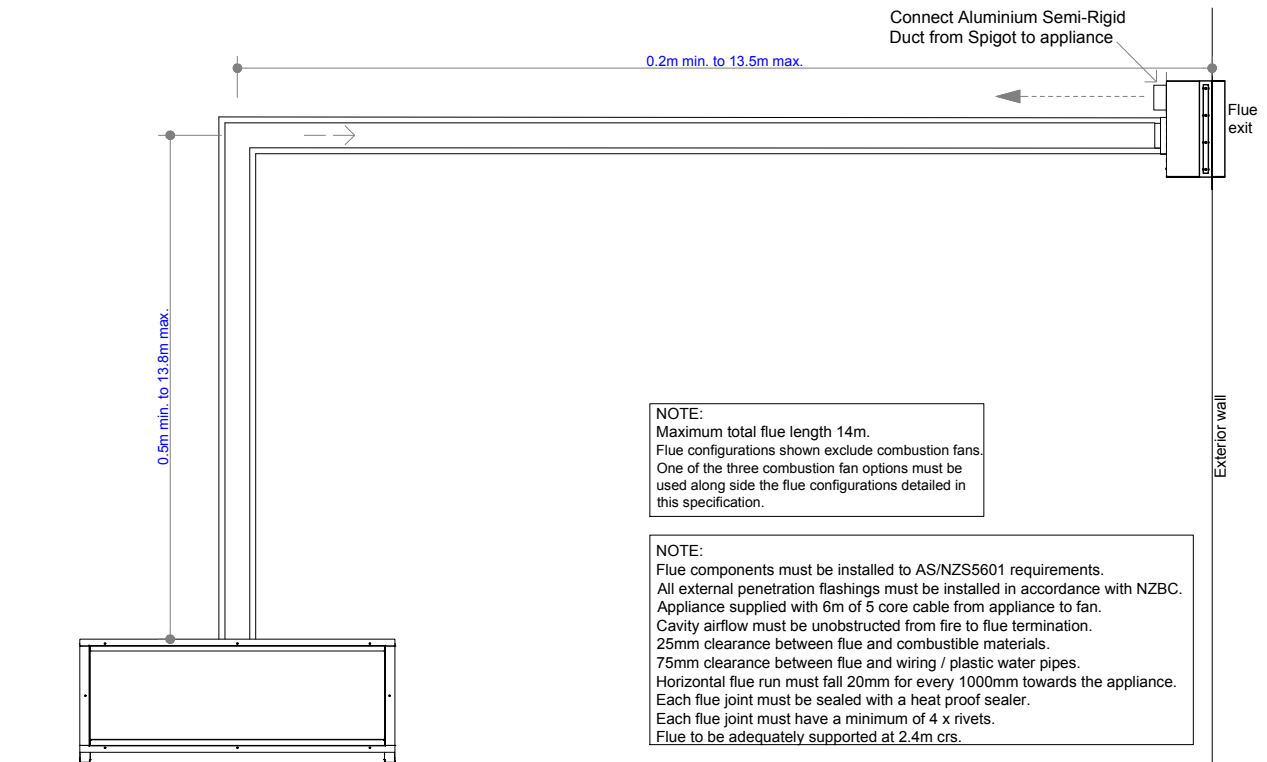
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Sheet 07 of 10

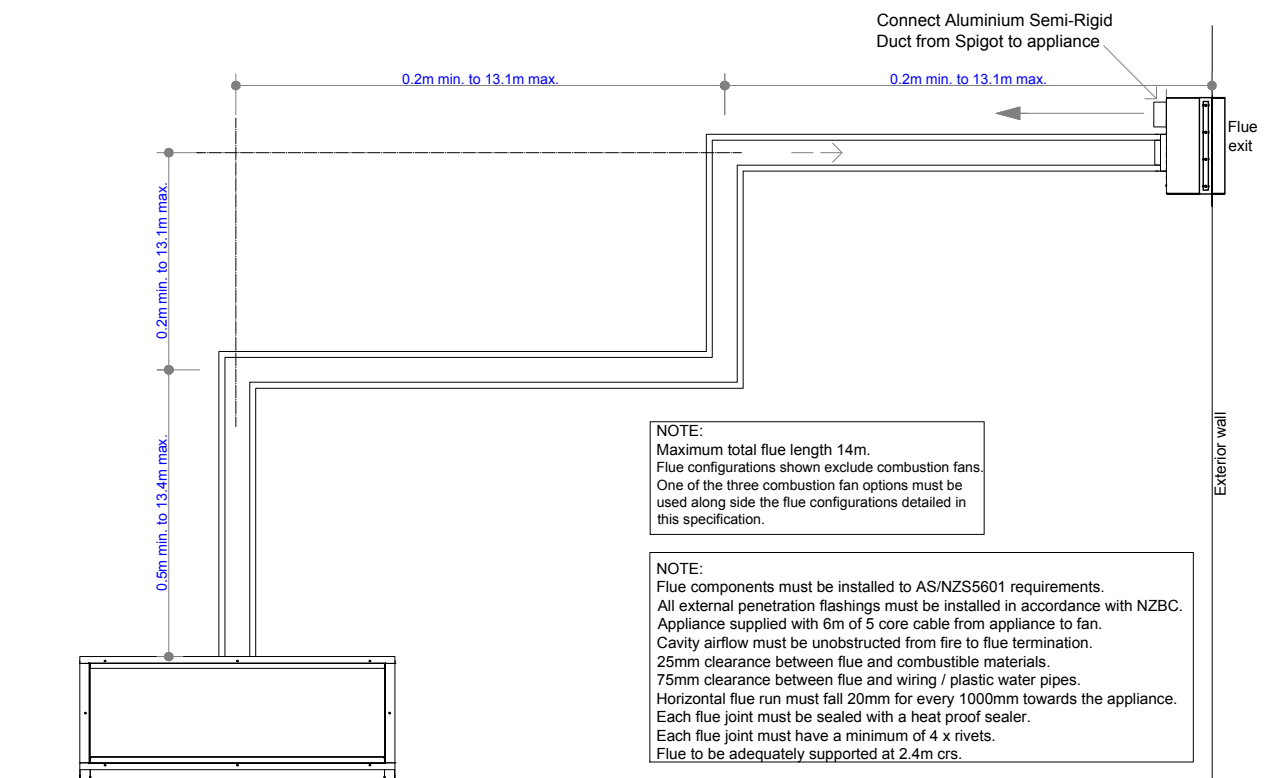
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Horizontal Flue Combination GD1A



Horizontal Flue Combination GD1B

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Title: HORIZONTAL FLUE COMBINATION OPTIONS

Drawn: LB

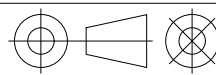
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Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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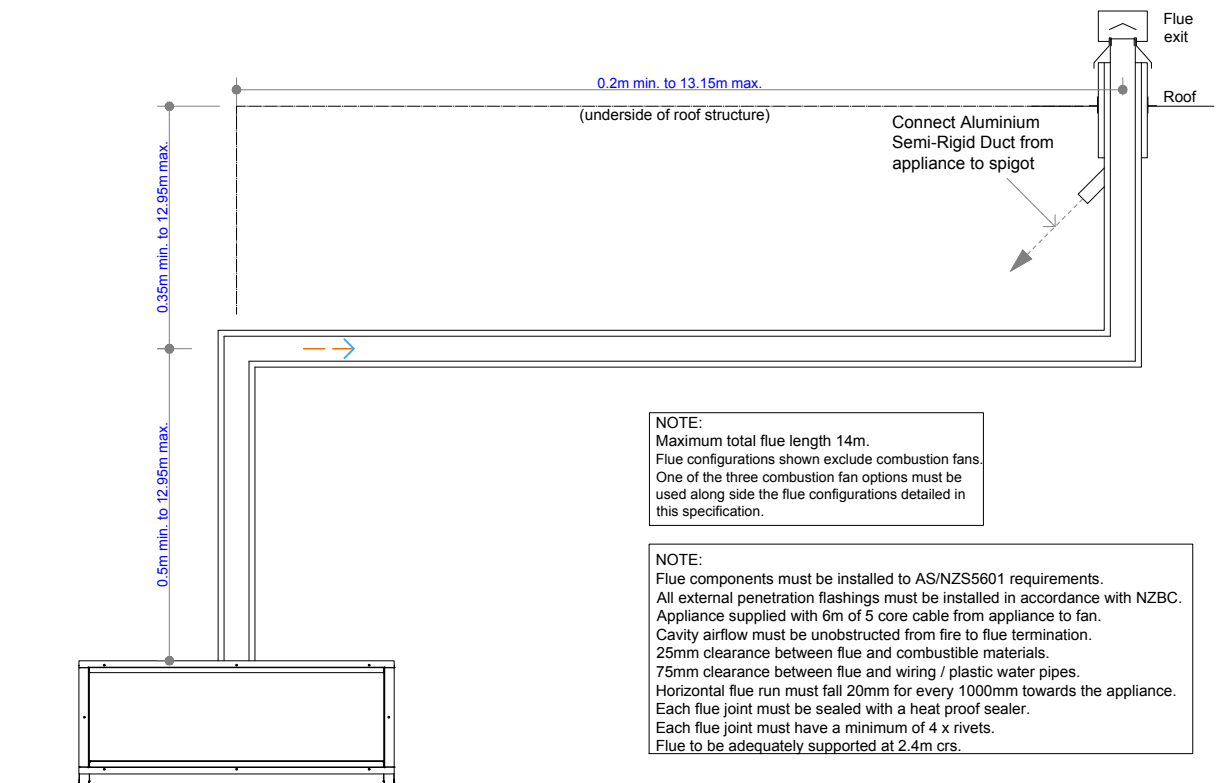
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HAND CRAFTED FIRES

Drawing No. **GD1-1600-908**

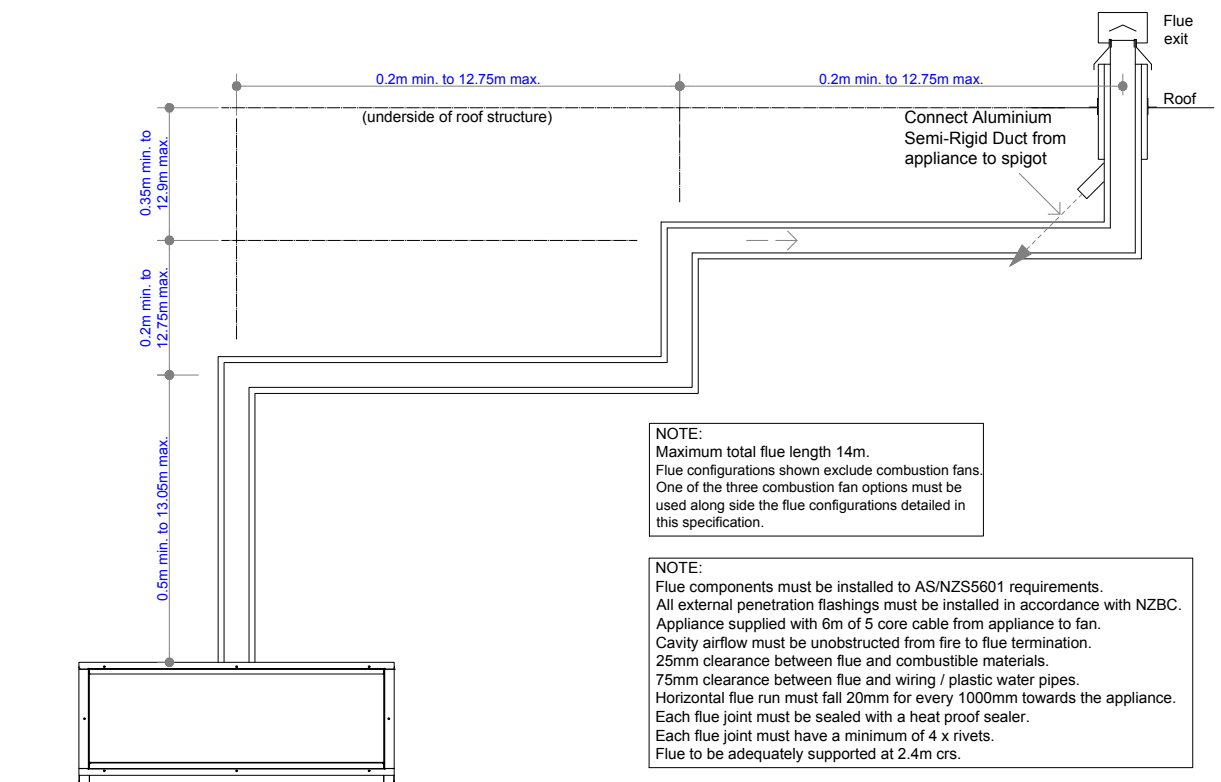
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Vertical Flue Combination GD1C



Vertical Flue Combination GD1D

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Title: VERTICAL FLUE COMBINATION OPTIONS

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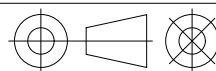
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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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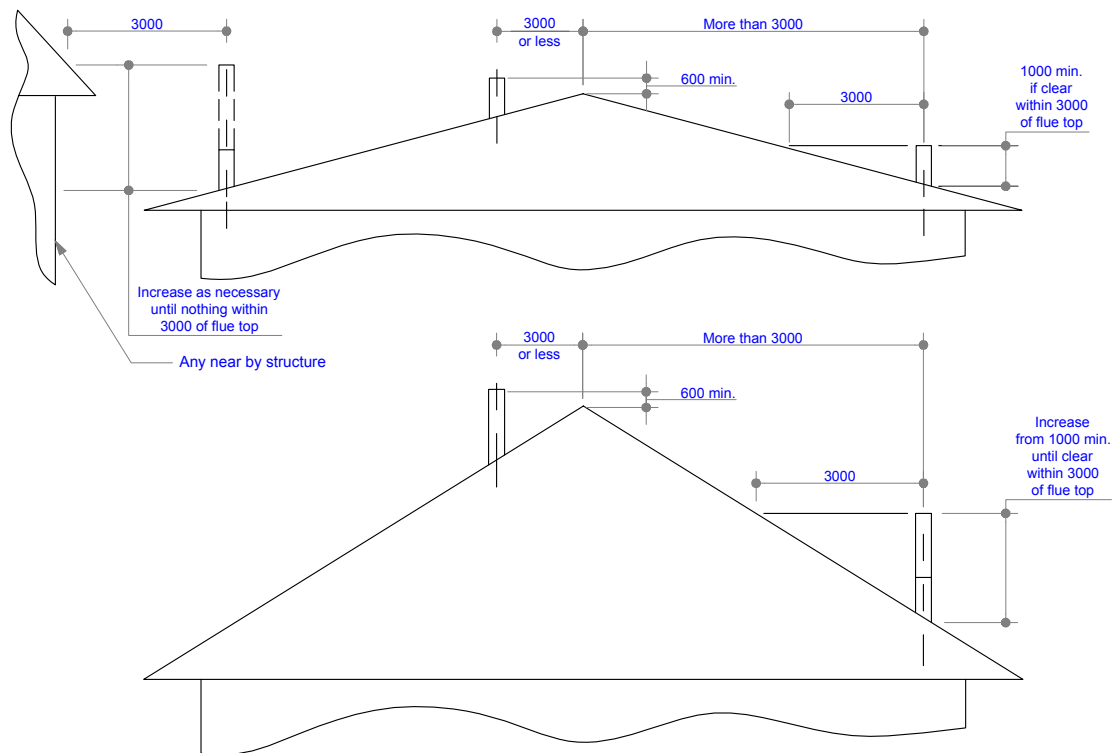
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Drawing No. **GD1-1600-909**

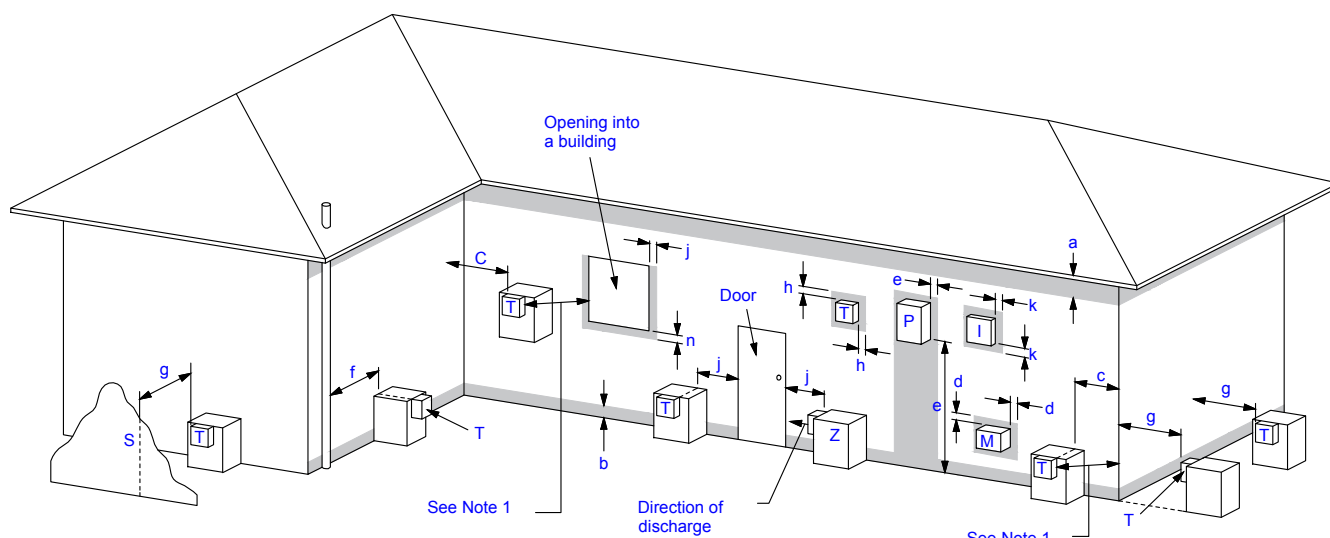
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Minimum Height of Flue System Exit
Or as per AS/NZS 5601



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

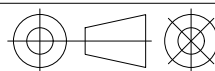
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Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

Drawing No.

GD1-1600-9010

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