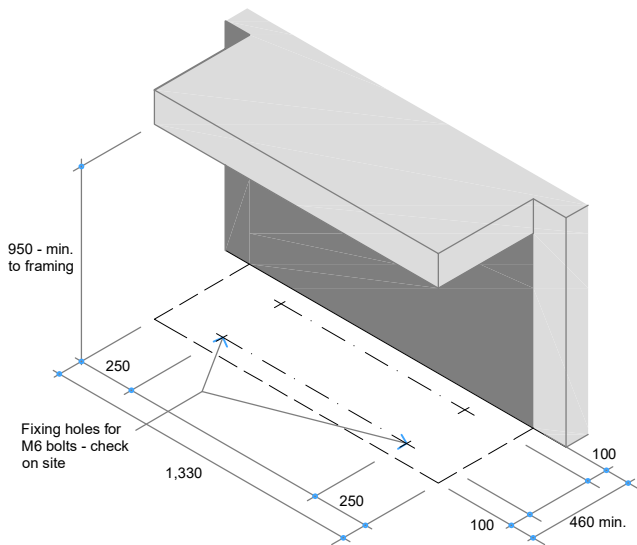
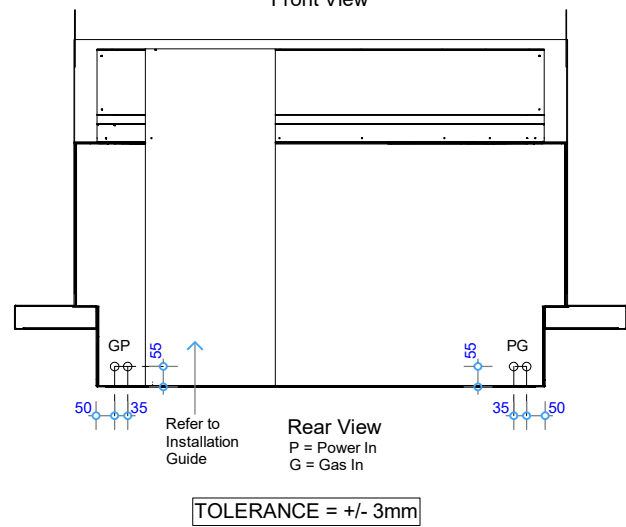
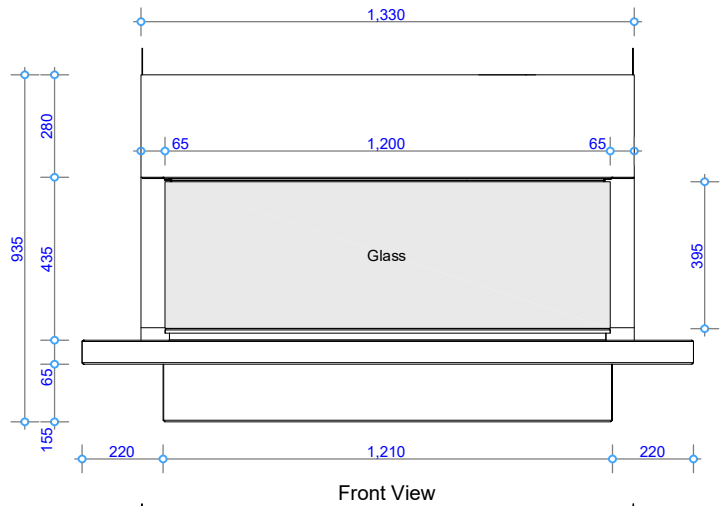
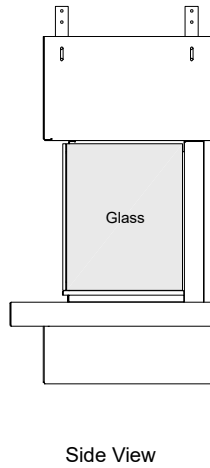
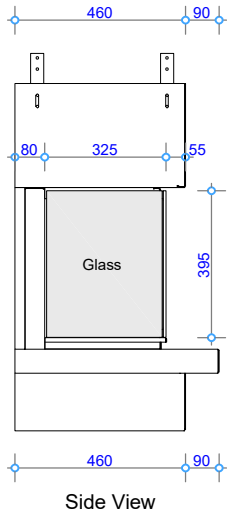
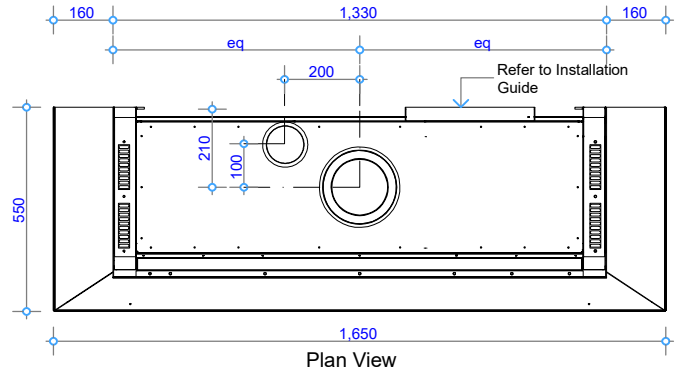


**THE
FIRE
DEPT.
HAND CRAFTED FIRES**

**GD2 | 1200
SPECIFICATIONS**

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



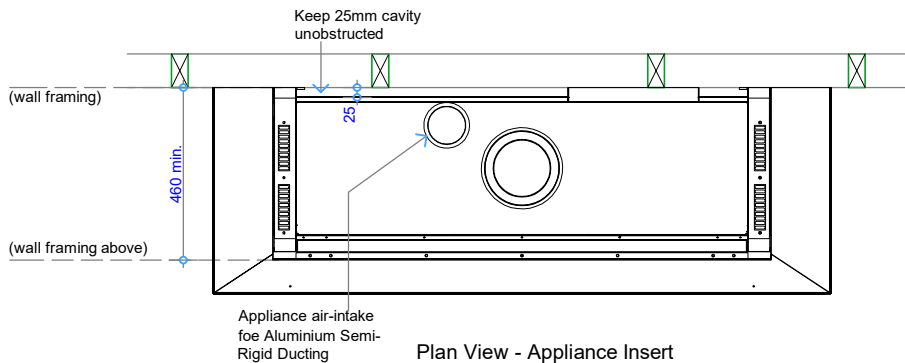
Appliance Installation - Trim Sizes
NOTE: Confirm fixing holes on site prior to drilling

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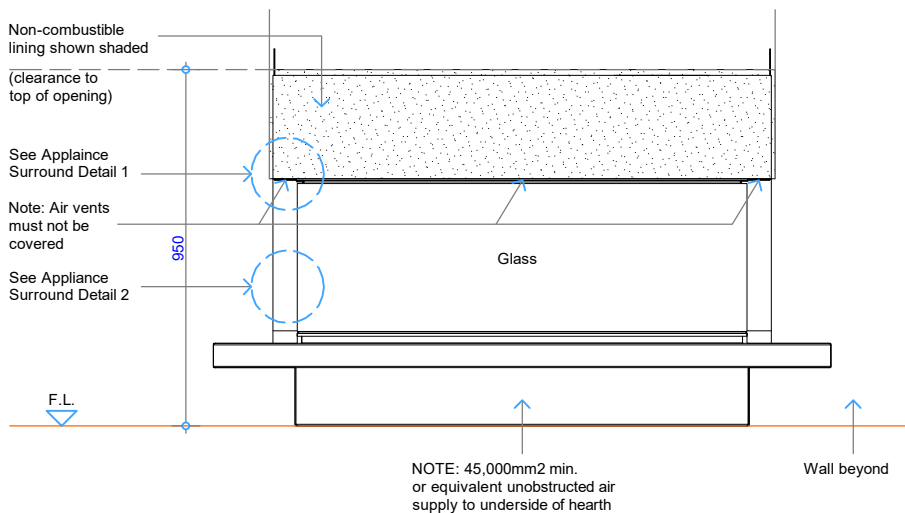
Client: THE FIRE DEPT.	
Product: GD2-1200	
Title: FIREBOX DIMENSIONS	
Drawn: LB	Date: 07/04/2020
Chkd: JW	Date: 08/05/2018
Appd: JW	Date: 08/05/2018
Scale:	on A4

THE FIRE DEPT.
HAND CRAFTED FIRES

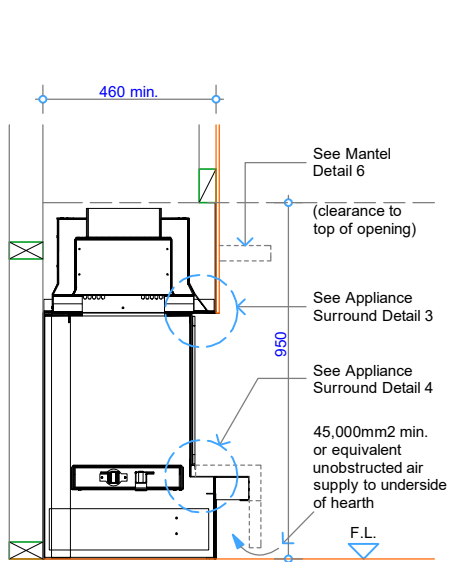
Drawing No.	GD2-1200-901	Sheet 01 of 10	Revision 5
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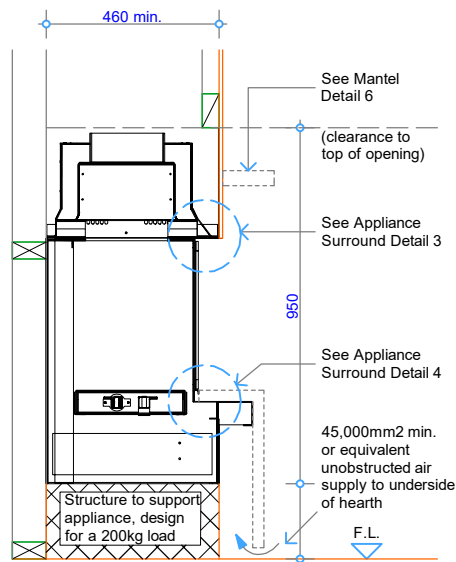
Plan View - Appliance Insert



Front View - Appliance Insert



Cross Section - Appliance Insert at Floor Level



Cross Section - Appliance Insert on Raised Plinth

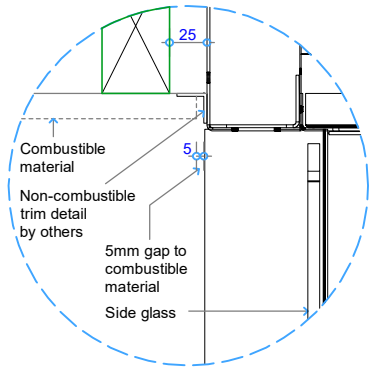
NOTE: Plinth height can vary to suit

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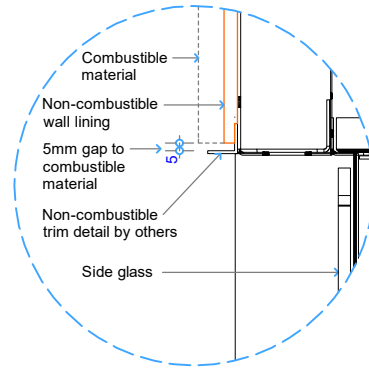
Client: THE FIRE DEPT.		
Product: GD2-1200		
Title: CAVITY CLEARANCES		
Drawn: LB	Date: 07/04/2020	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Scale: on A4		



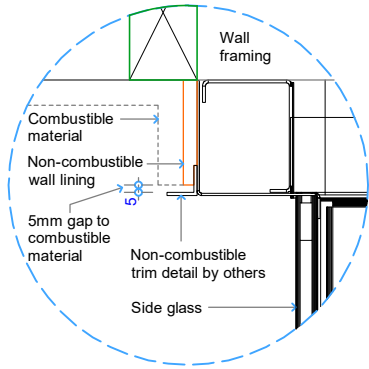
Drawing No.	GD2-1200-902	Sheet 02 of 10	Revision 5
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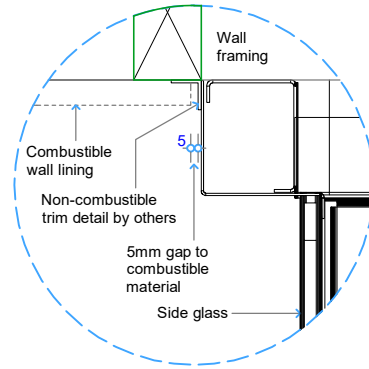
Detail 1 - Cross Section Appliance Surround Opt. 1



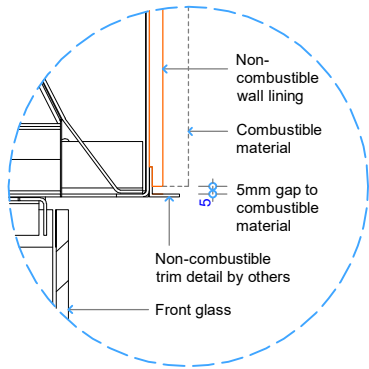
Detail 1 - Cross Section Appliance Surround Opt. 2



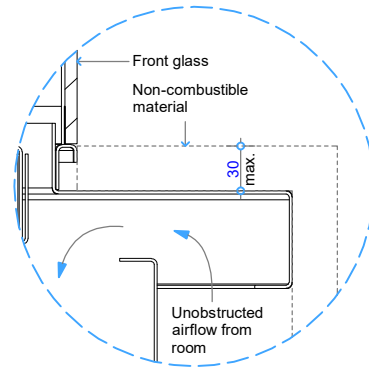
Detail 2 - Plan View Appliance Surround Opt. 3



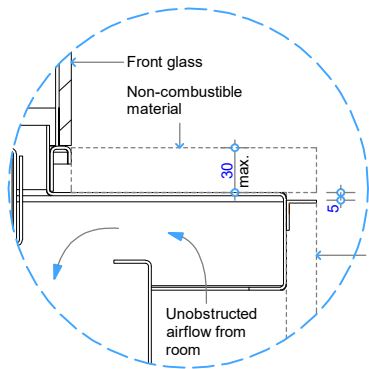
Detail 2 - Plan View Appliance Surround Opt. 4



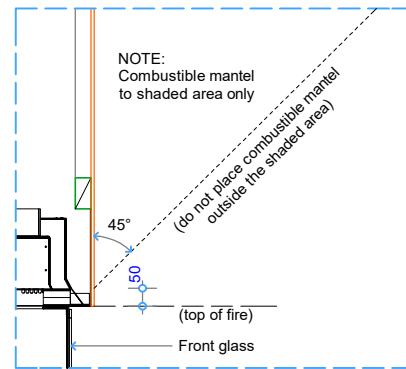
Detail 3 - Top of Appliance to Combustible Materials



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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Client: THE FIRE DEPT.

Product: GD2-1200

Title: SURROUND DETAILS

Drawn: LB

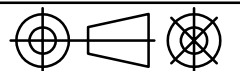
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



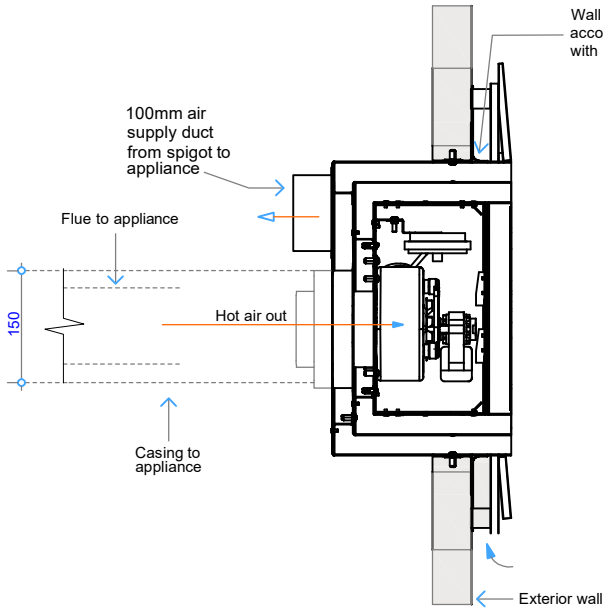
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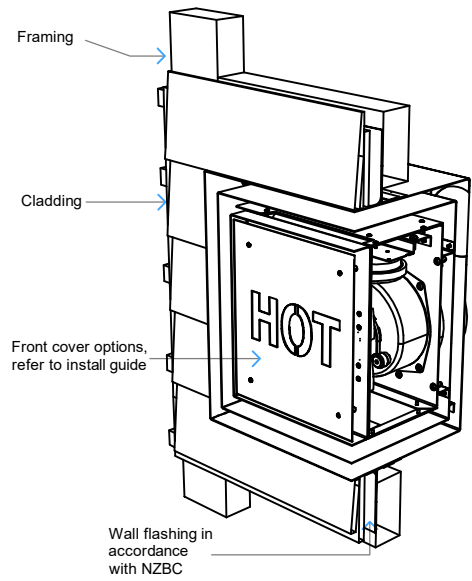
Drawing No. **GD2-1200-903**

Sheet 03 of 10

Revision 5



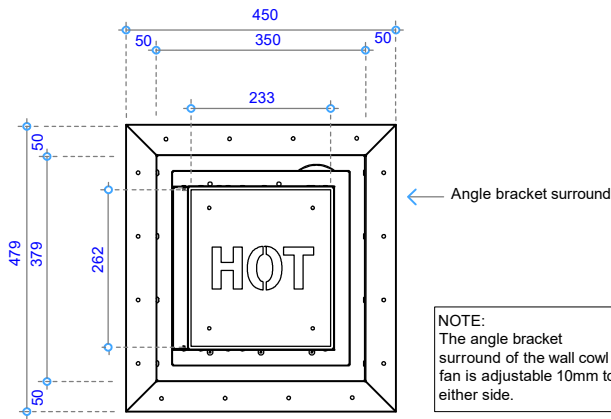
Detail - Combustion fan Option 1
Wall cowl fan, horizontal exit



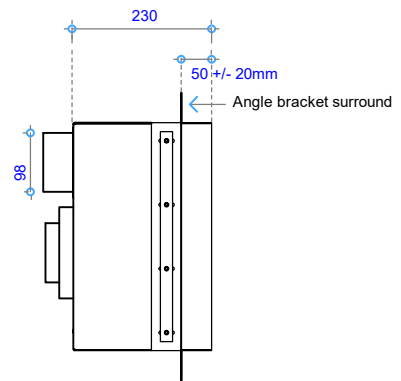
Detail - Wall cowl fan, horizontal exit

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



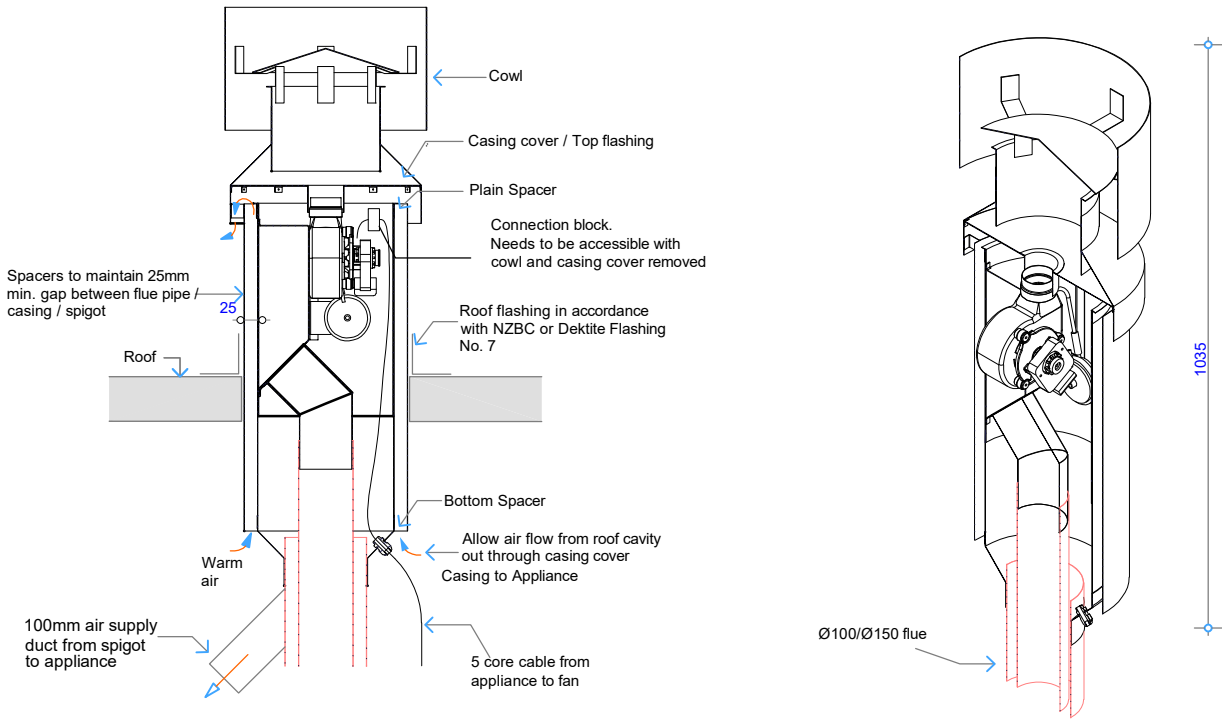
Wall Cowl Fan Side View

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Client: THE FIRE DEPT.		
Product: GD2-1200		
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		



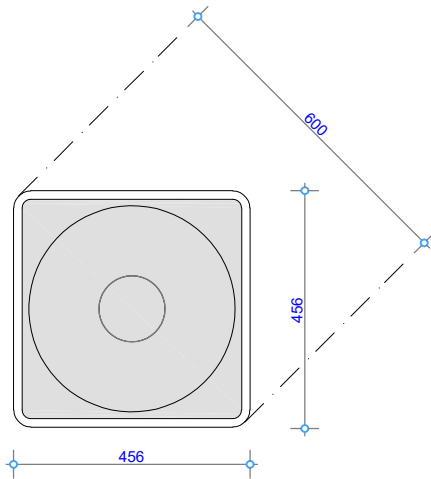
Drawing No. GD2-1200-904	Sheet 04 of 10	Revision 5
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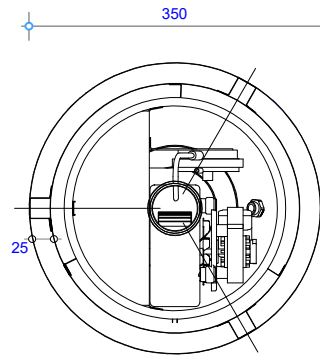
Detail - Combustion fan Option 2
Cowl fan, vertical exit

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 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



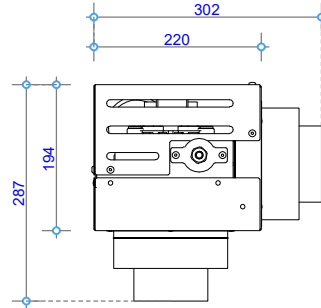
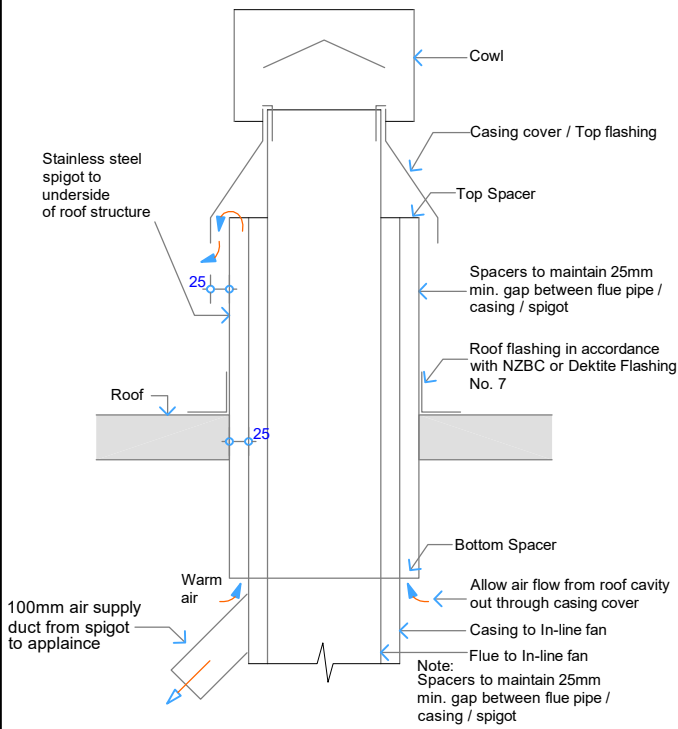
Cowl Fan Top View

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Client: THE FIRE DEPT.		
Product: GD2-1200		
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.	GD2-1200-905	Sheet 05 of 10	Revision 5
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Detail - Air Ventilation through Casing cover/ Top flashing
Option 3A - To be used in conjunction with Fan Option 3

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

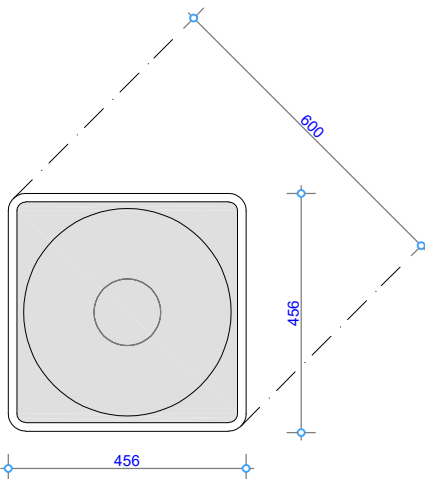
NOTE:

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.

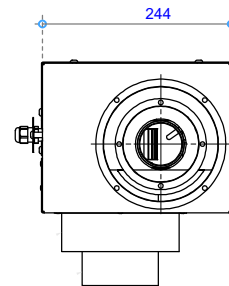
Flue components:

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

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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Client: THE FIRE DEPT.

Product: GD2-1200

Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS

Drawn: LB

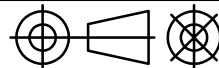
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



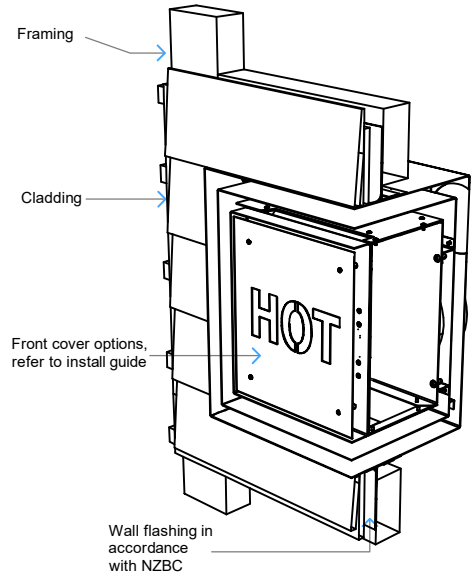
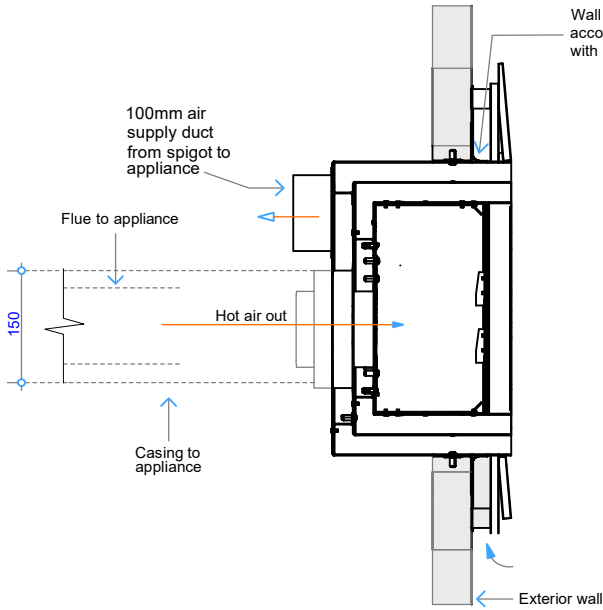
Scale: on A4

THE FIRE DEPT.
HAND CRAFTED FIRES

Drawing No. **GD2-1200-906**

Sheet 06 of 10

Revision **5**

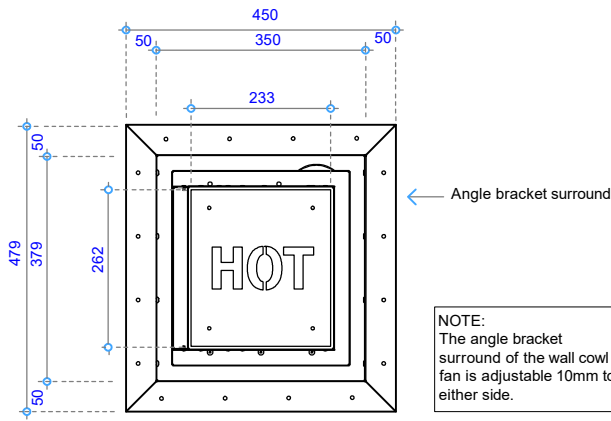


Detail - Wall cowl, horizontal exit
Option 3B - To be used in conjunction with Fan Option 3

Detail - Wall cowl, horizontal exit

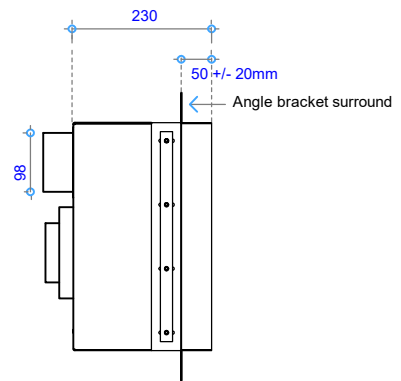
NOTE:
Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from appliance to flue termination.
25mm clearance between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

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



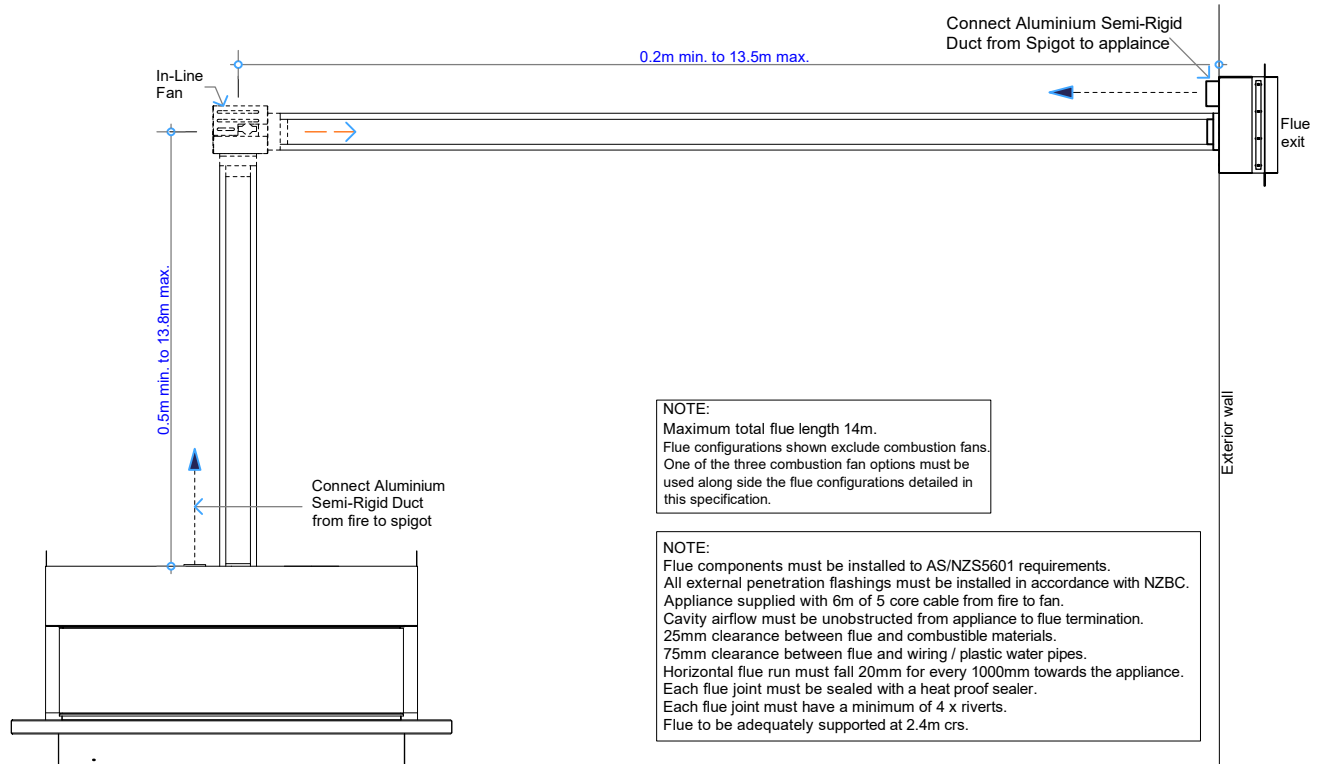
Wall Cowl Side View

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Client: THE FIRE DEPT.		
Product: GD2-1200		
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		



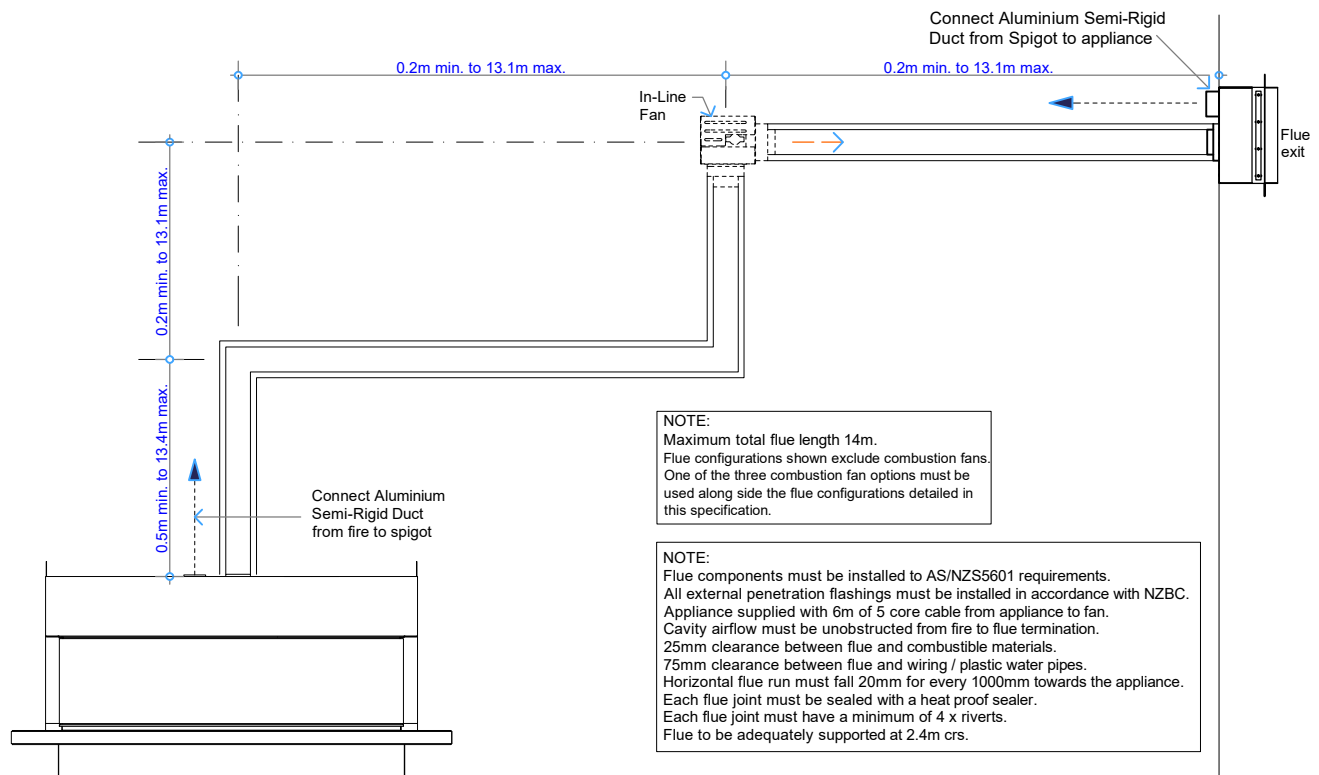
Drawing No. GD2-1200-907	Sheet 07 of 10	Revision 5
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NOTE:
 Maximum total flue length 14m.
 Flue configurations shown exclude combustion fans.
 One of the three combustion fan options must be used along side the flue configurations detailed in this specification.

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 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.

Horizontal Flue Combination GD2A

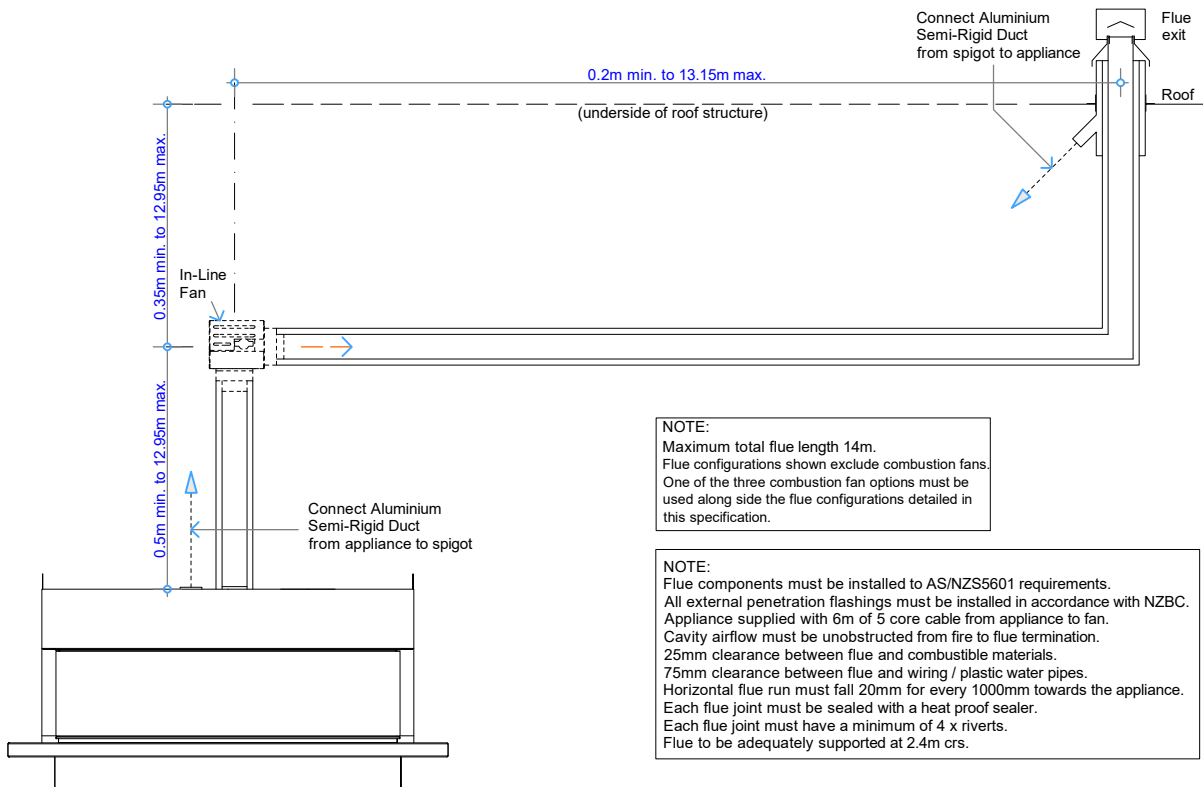


NOTE:
 Maximum total flue length 14m.
 Flue configurations shown exclude combustion fans.
 One of the three combustion fan options must be used along side the flue configurations detailed in this specification.

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 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.

Horizontal Flue Combination GD2B

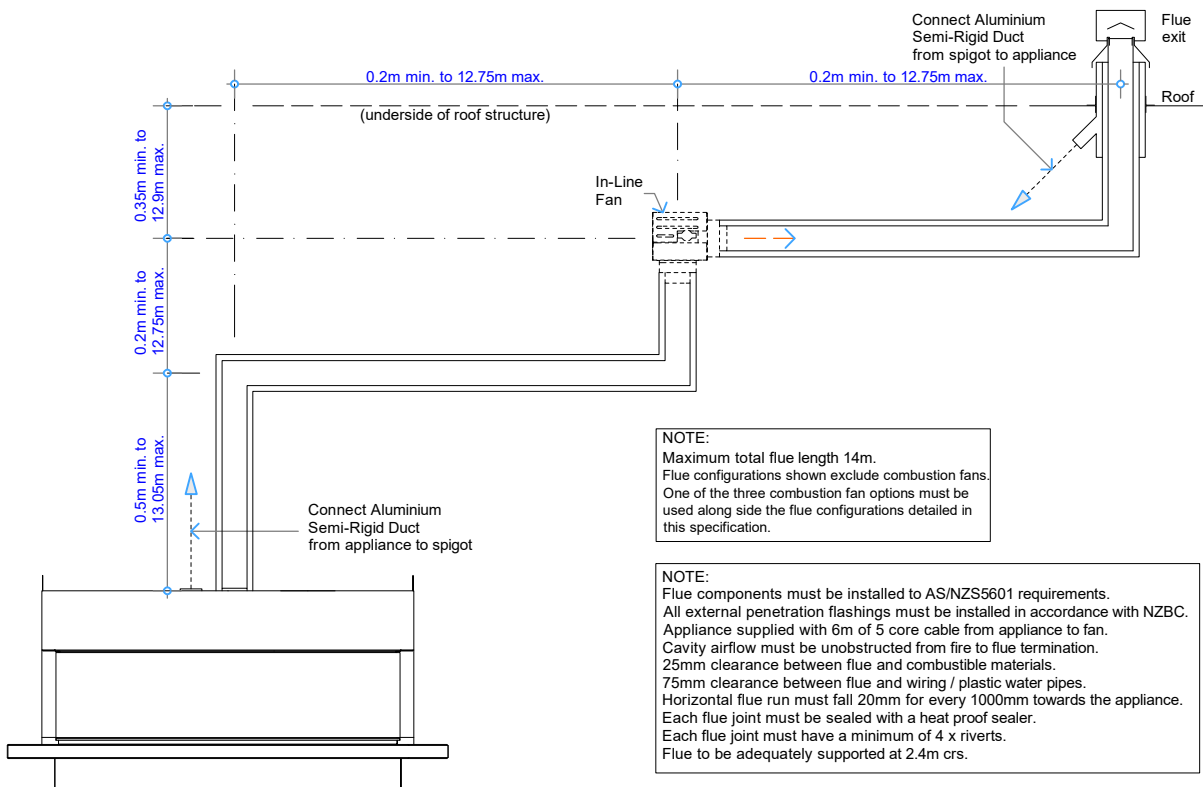
COPYRIGHT© THIS DRAWING IS THE PROPERTY OF The Fire Dept.	Client: THE FIRE DEPT.				
	Product: GD2-1200				
	Title: HORIZONTAL FLUE COMBINATION OPTIONS				
	Drawn: LB	Date: 07/04/2020			
	Chkd: JW	Date: 08/05/2018			
Appd: JW	Date: 08/05/2018	Scale: on A4			
Drawing No.	GD2-1200-908		Sheet 08 of 10	Revision 5	



NOTE:
 Maximum total flue length 14m.
 Flue configurations shown exclude combustion fans.
 One of the three combustion fan options must be used along side the flue configurations detailed in this specification.

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.

Vertical Flue Combination GD2C



NOTE:
 Maximum total flue length 14m.
 Flue configurations shown exclude combustion fans.
 One of the three combustion fan options must be used along side the flue configurations detailed in this specification.

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.

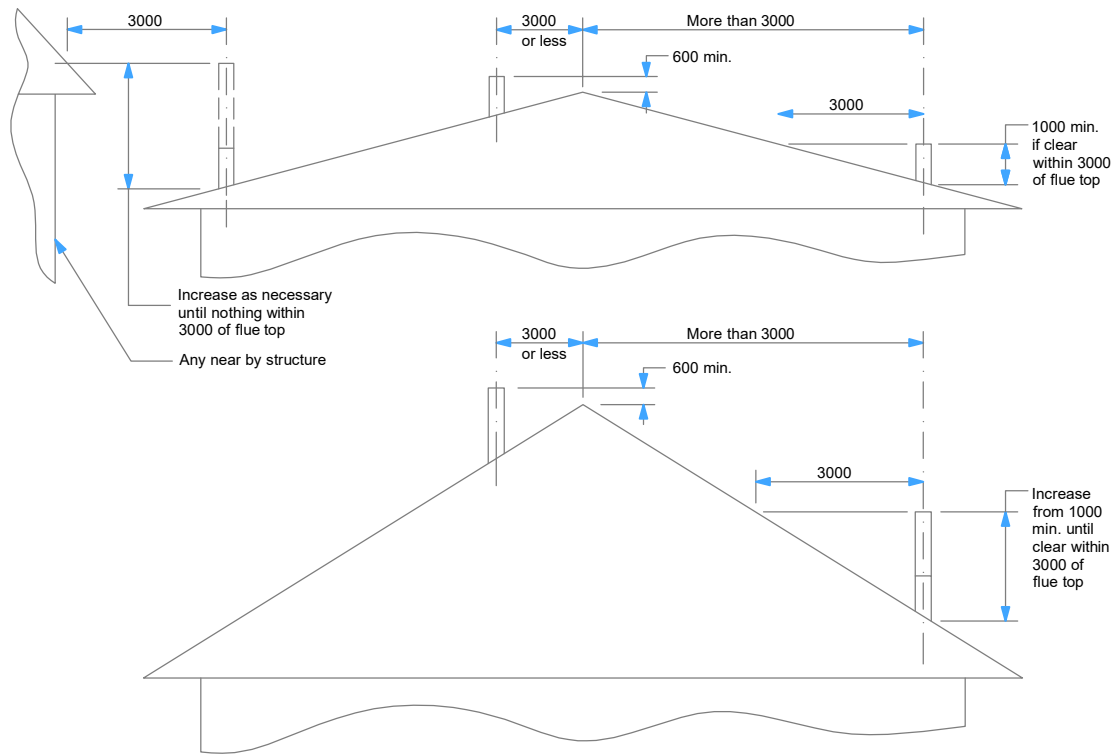
Vertical Flue Combination GD2D

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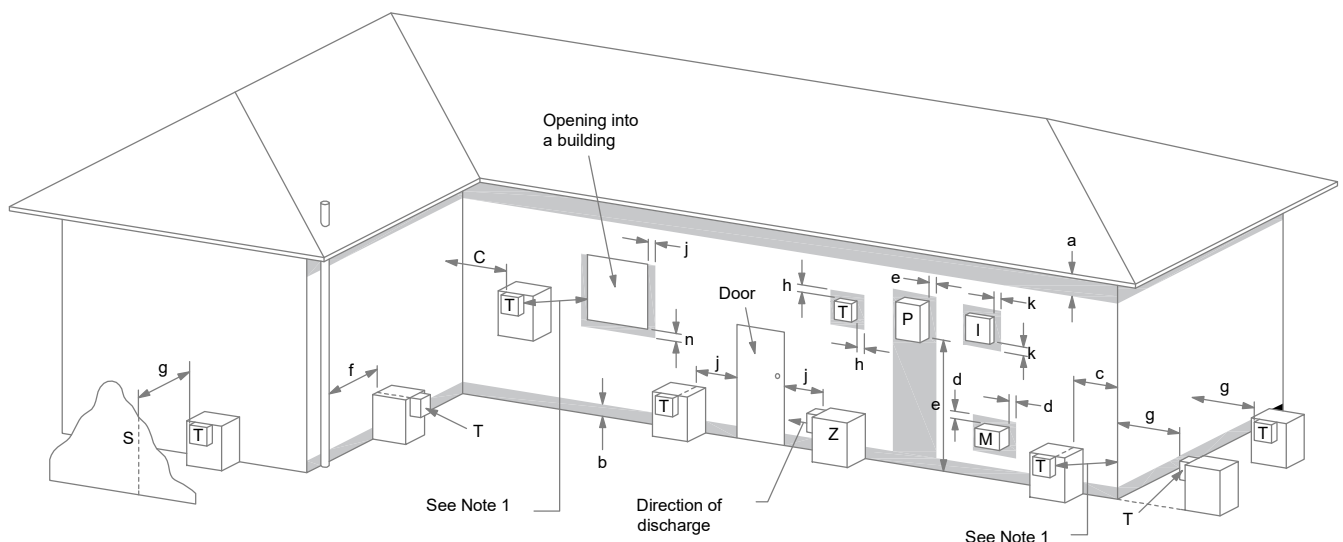
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Product: GD2-1200		
Title: VERTICAL FLUE COMBINATION OPTIONS		
Drawn: LB	Date: 07/04/2020	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Scale:		on A4



Drawing No.	GD2-1200-909	Sheet 09 of 10	Revision 5
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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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Client: THE FIRE DEPT.

Product: GD2-1200

Title: FLUE EXIT CLEARANCES

Drawn: LB

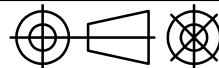
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



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Drawing No. **GD2-1200-909**

Sheet 10 of 10

Revision 5