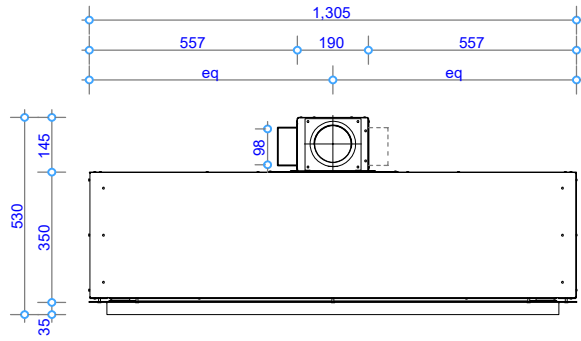


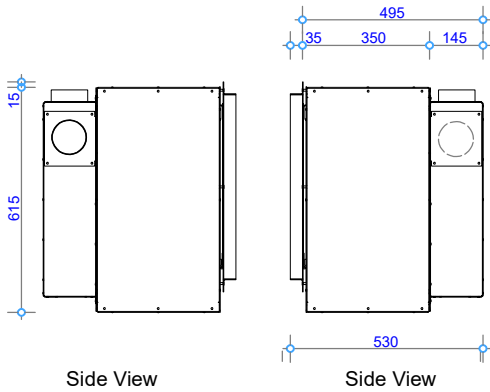
**THE
FIRE
DEPT.
HAND CRAFTED FIRES**

**GD1 | 1200
SPECIFICATIONS**

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

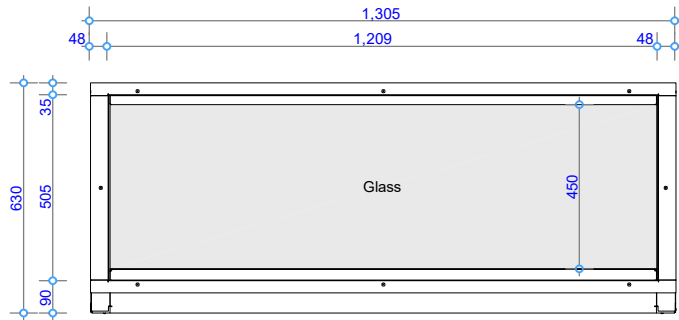


Plan View

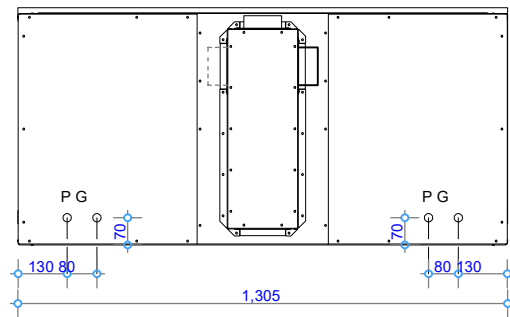


Side View

Side View

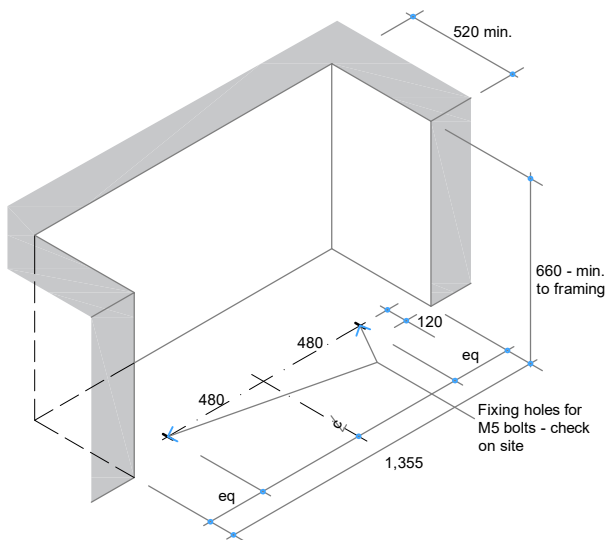


Front View



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: GD1-1200

Title: FIREBOX DIMENSIONS

Drawn: LB

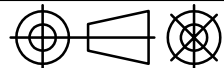
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

THE FIRE DEPT.
HAND CRAFTED FIRES

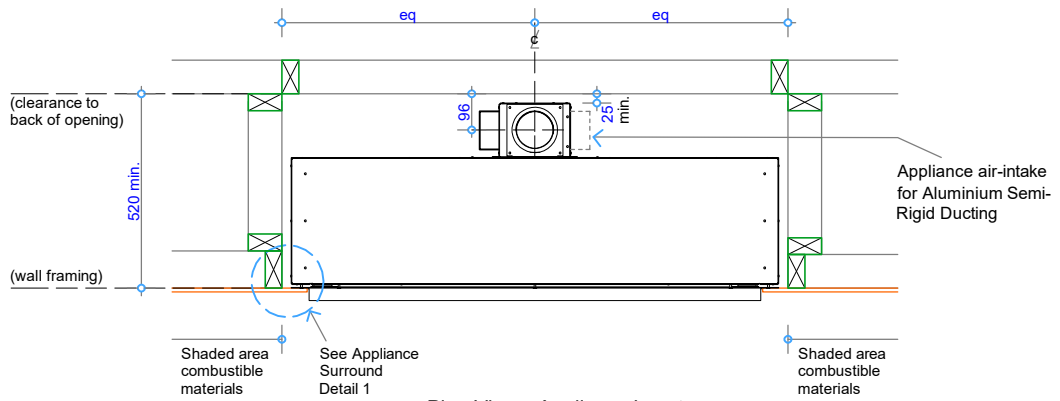
Drawing No.

GD1-1200-901

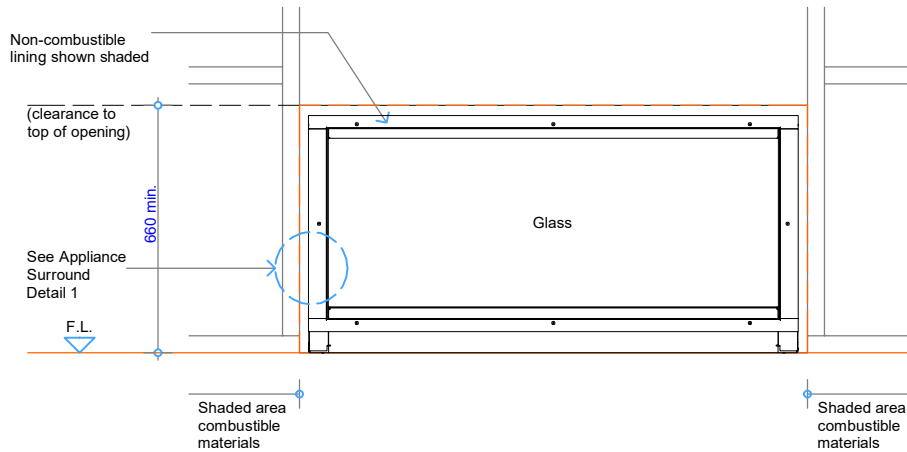
Sheet 01 of 10

Revision

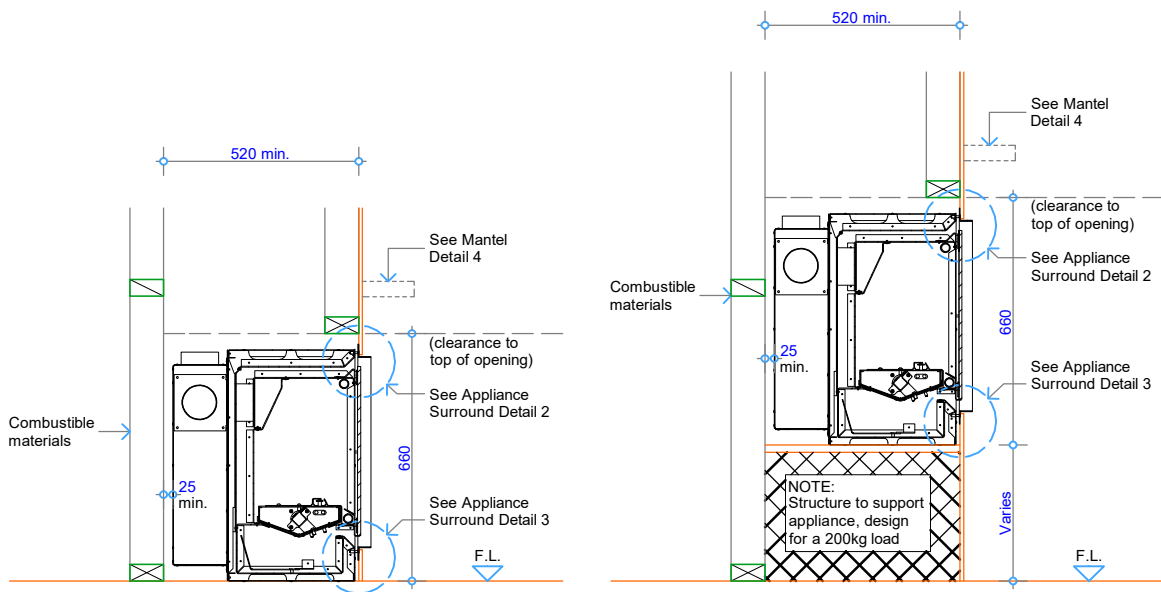
6



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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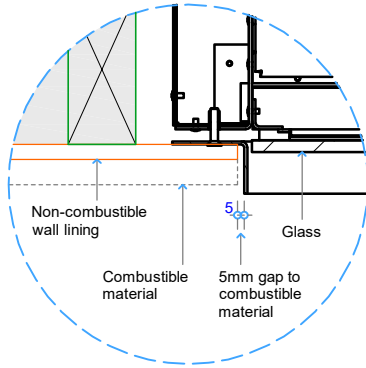
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Product: GD1-1200		
Title: CAVITY CLEARANCES		
Drawn: LB	Date: 07/04/2020	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Scale:		on A4

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 HAND CRAFTED FIRES

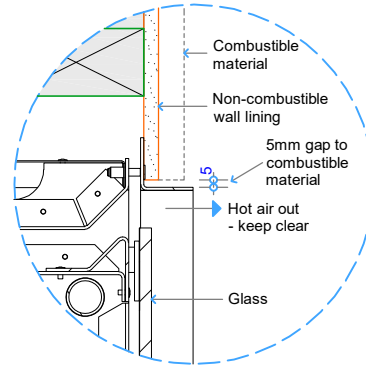
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Sheet 02 of 10

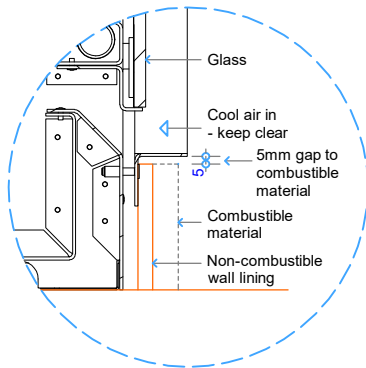
Revision 6



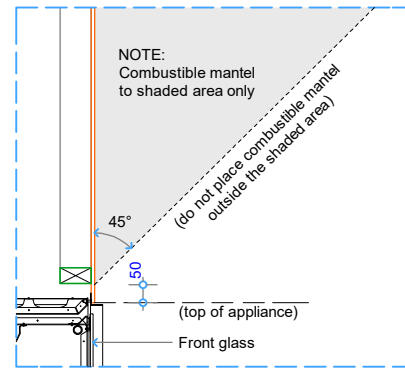
Detail 1 - Plan View Appliance Surround



Detail 2 - Top of Appliance to Combustible Materials



Detail 3 - Bottom of Appliance to Floor



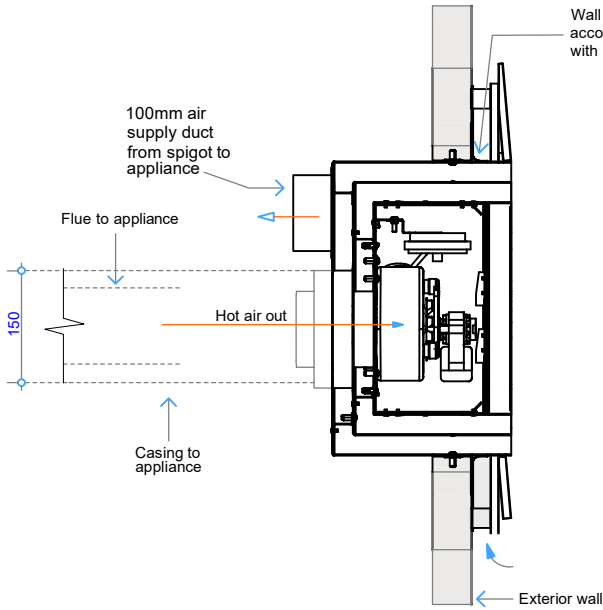
Detail 4 - Top of Appliance to Combustible Mantel

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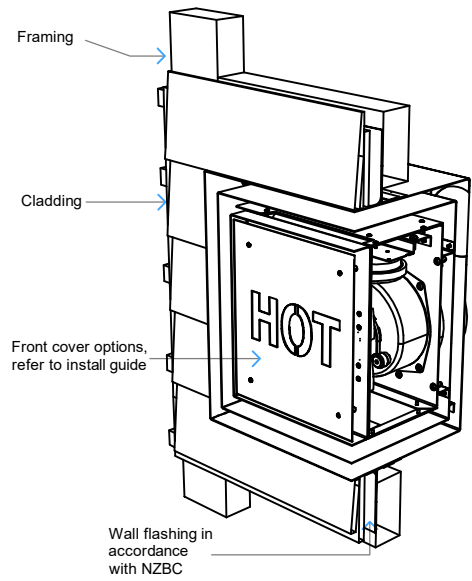
Client: THE FIRE DEPT.		
Product: GD1-1200		
Title: SURROUND DETAILS		
Drawn: LB	Date: 07/04/2020	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Scale:		

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Drawing No.	GD1-1200-903	Sheet 03 of 10	Revision 6
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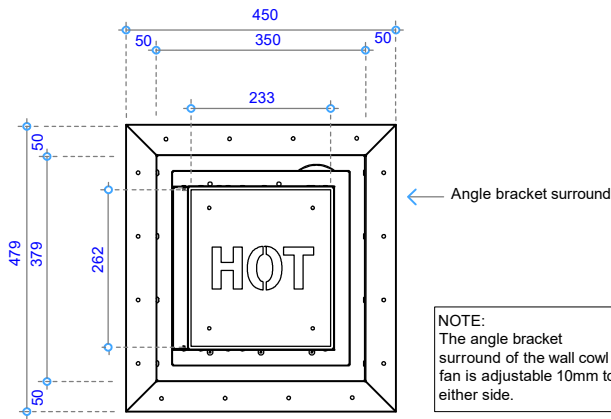
Detail - Combustion fan Option 1
Wall cowl fan, horizontal exit



Detail - Wall cowl fan, horizontal exit

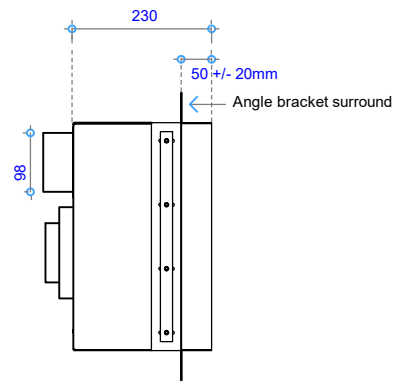
NOTE:
Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from appliance to flue termination.
25mm clearance between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



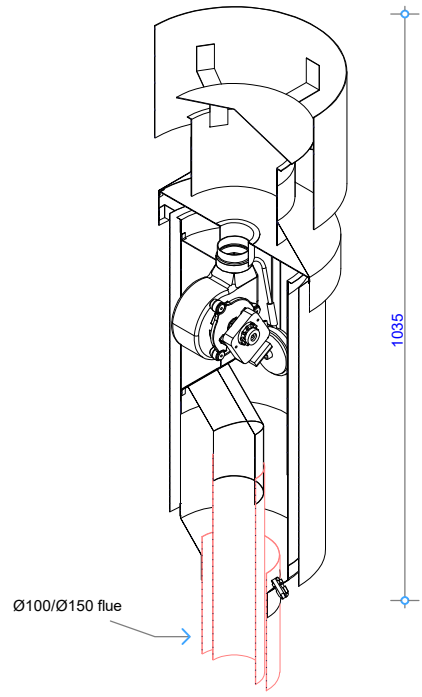
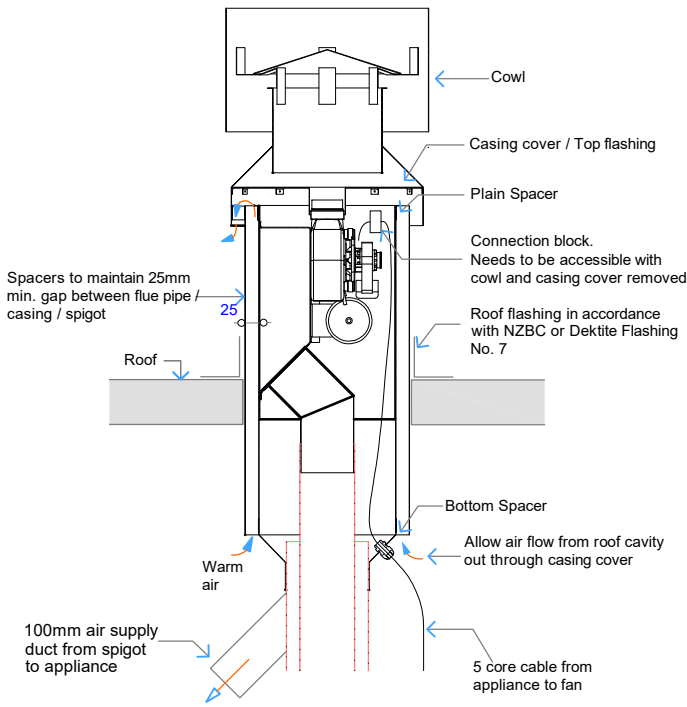
Wall Cowl Fan Side View

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Client: THE FIRE DEPT.		
Product: GD1-1200		
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		

THE
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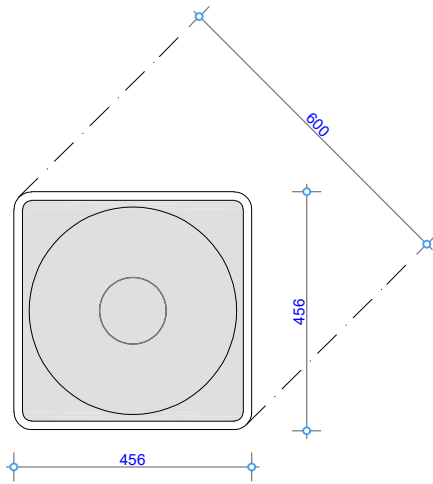
Drawing No.	GD1-1200-904	Sheet 04 of 10	Revision	6
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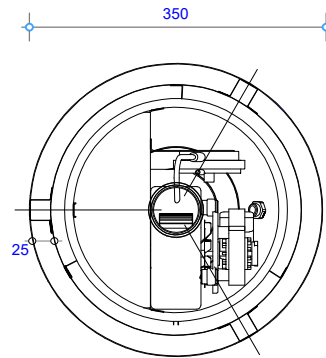
Detail - Combustion fan Option 2
Cowl fan, vertical exit

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



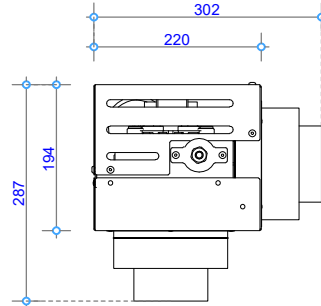
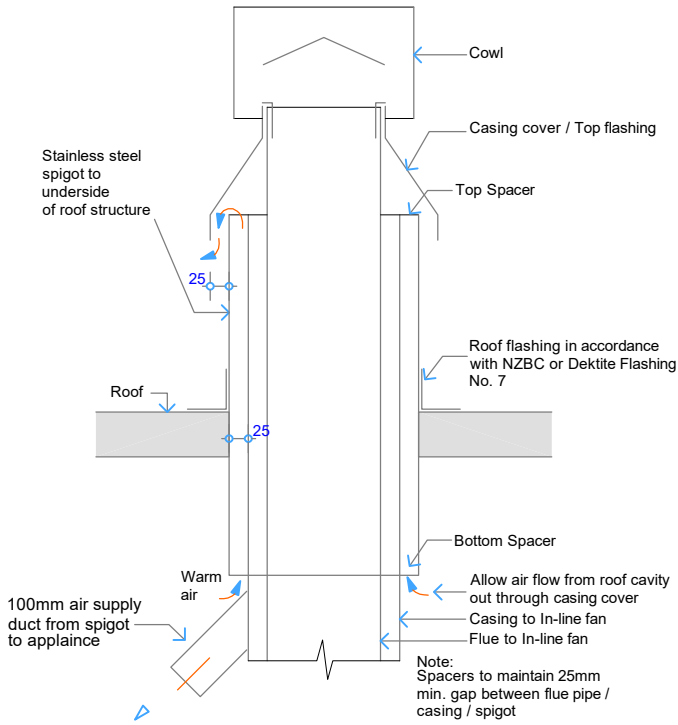
Cowl Fan Top View

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Client: THE FIRE DEPT.		
Product: GD1-1200		
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.	GD1-1200-905	Sheet 05 of 10	Revision 6
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Detail - Air Ventilation through Casing cover/ Top flashing
Option 3A - To be used in conjunction with Fan Option 3

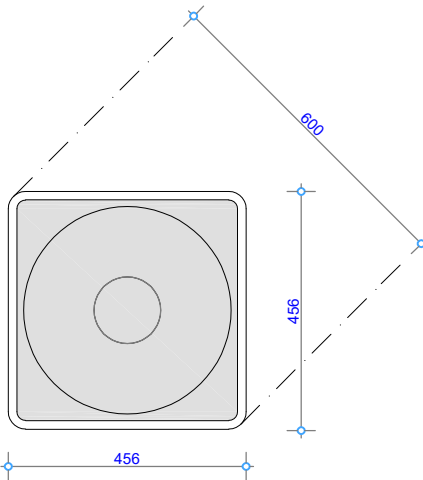
Detail - Combustion fan Option 3
In-Line Fan Side View

NOTE: Requires access hatch for maintenance

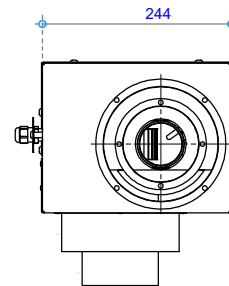
NOTE:

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



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: GD1-1200

Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS

Drawn: LB

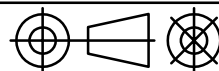
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



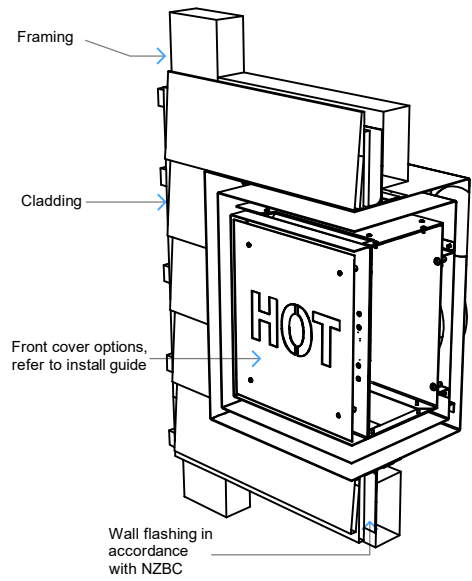
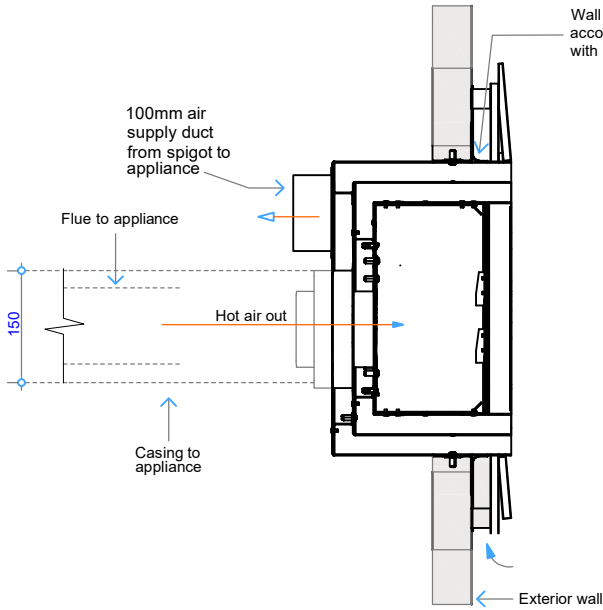
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Drawing No. **GD1-1200-906**

Sheet 06 of 10

Revision 6

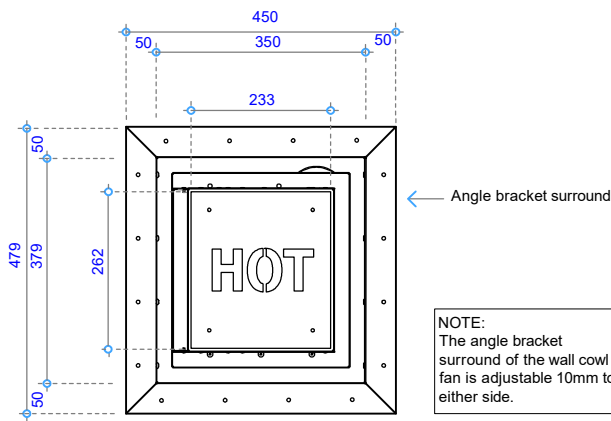


Detail - Wall cowl, horizontal exit
Option 3B - To be used in conjunction with Fan Option 3

Detail - Wall cowl, horizontal exit

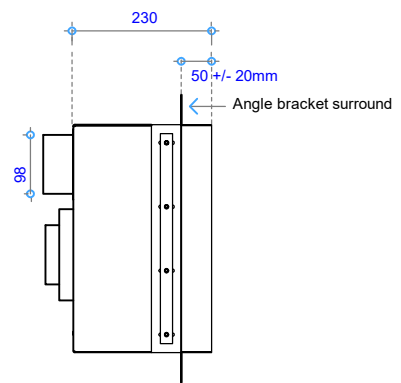
NOTE:
Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from appliance to flue termination.
25mm clearance between 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
1100mm Ducting



Wall Cowl Front View

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



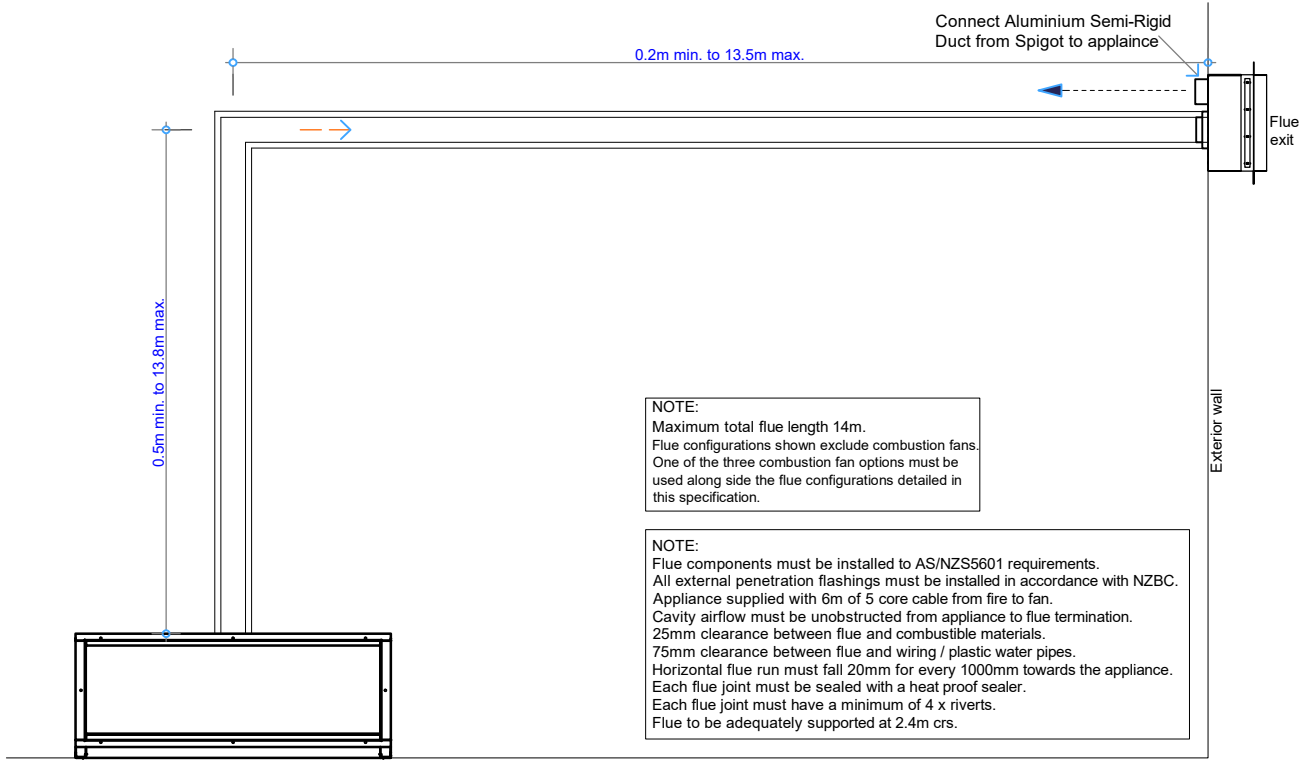
Wall Cowl Side View

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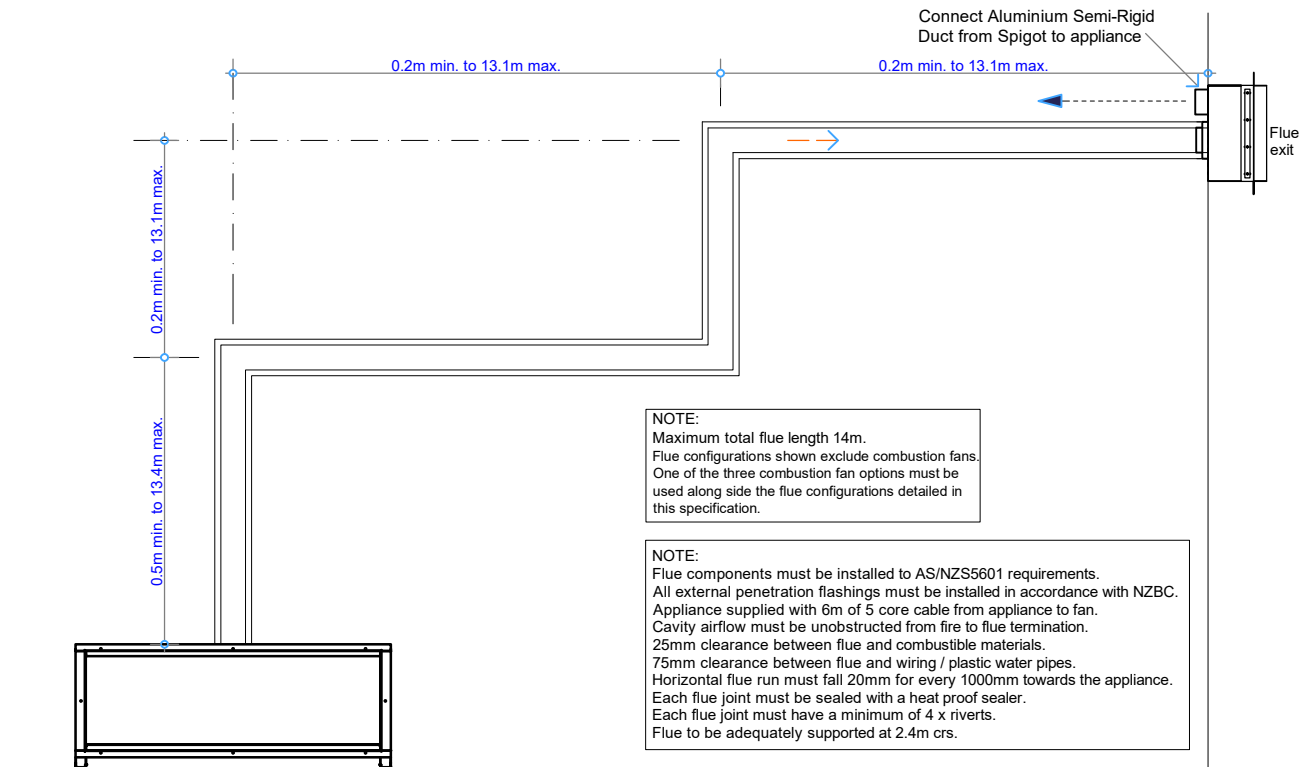
Client: THE FIRE DEPT.		
Product: GD1-1200		
Title: HORIZONTAL WALL COWL EXIT DETAILS		
Drawn: LB	Date: 07/04/2020	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Scale: on A4		



Drawing No. GD1-1200-907	Sheet 07 of 10	Revision 6
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Horizontal Flue Combination GD1A



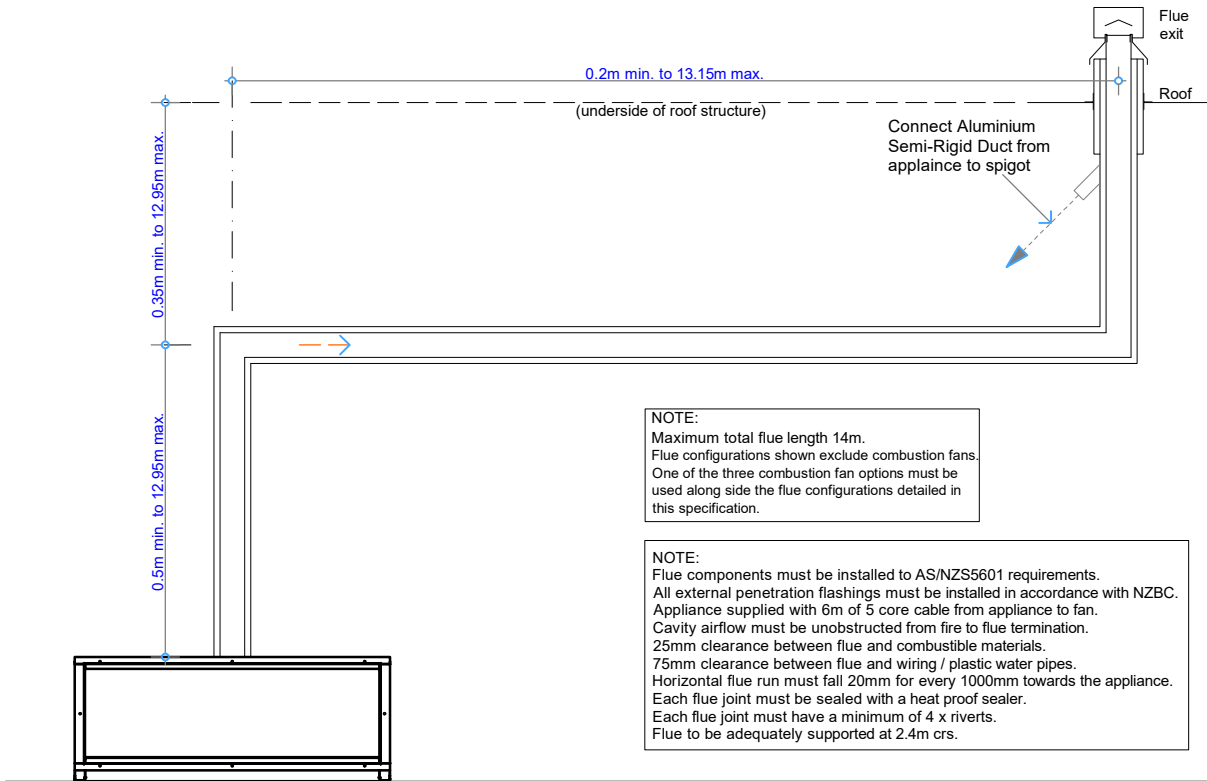
Horizontal Flue Combination GD1B

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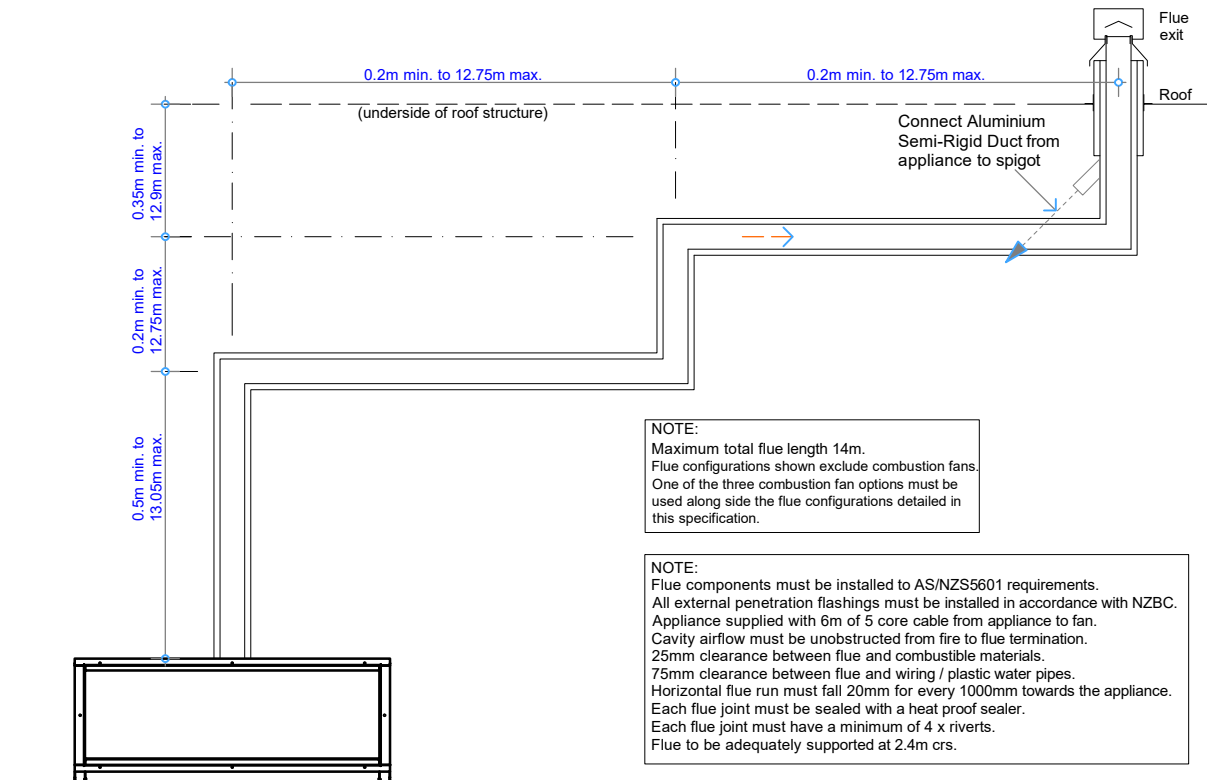
Client: THE FIRE DEPT.		
Product: GD1-1200		
Title: HORIZONTAL FLUE COMBINATION OPTIONS		
Drawn: LB	Date: 07/04/2020	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Scale:		on A4

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Drawing No.	GD1-1200-908	Sheet 08 of 10	Revision 6
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Vertical Flue Combination GD1C



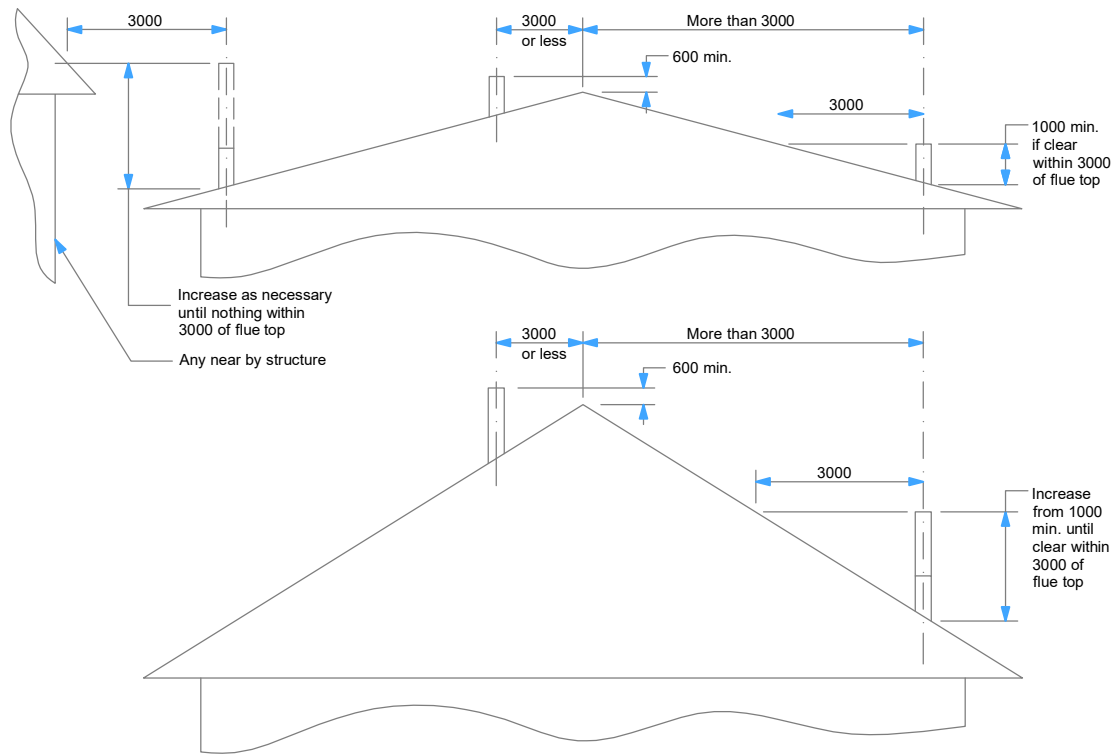
Vertical Flue Combination GD1D

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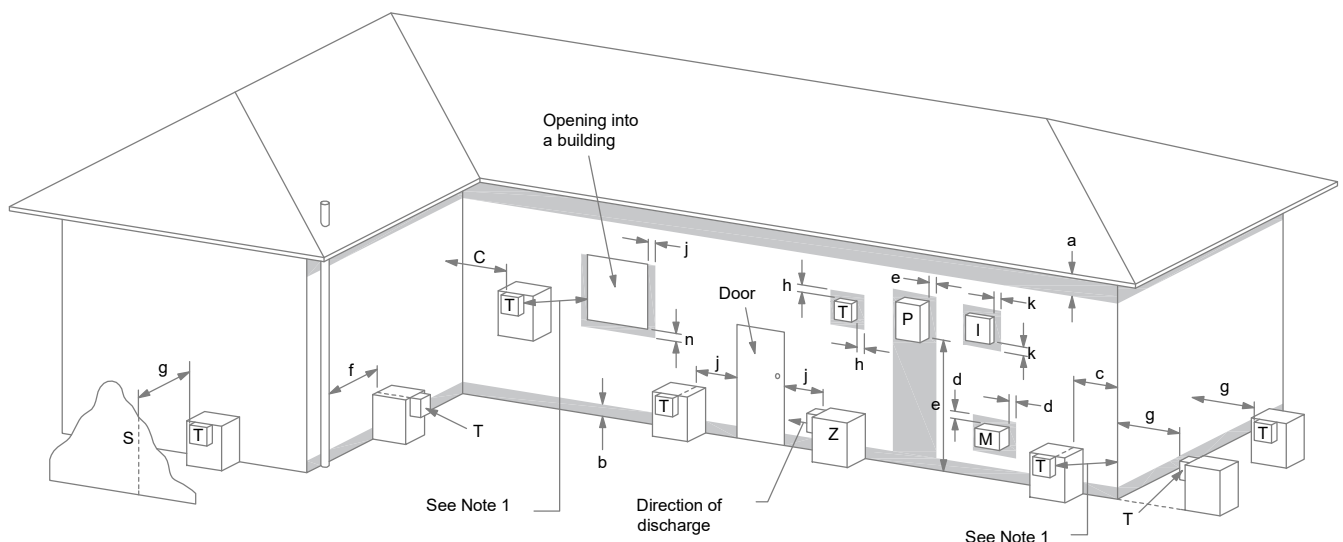
Client: THE FIRE DEPT.		
Product: GD1-1200		
Title: VERTICAL FLUE COMBINATION OPTIONS		
Drawn: LB	Date: 07/04/2020	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Scale: on A4		



Drawing No.	GD1-1200-909	Sheet 09 of 10	Revision 6
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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: GD1-1200

Title: FLUE EXIT CLEARANCES

Drawn: LB

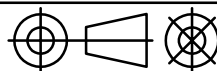
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

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Drawing No. **GD1-1200-910**

Sheet 10 of 10

Revision 6