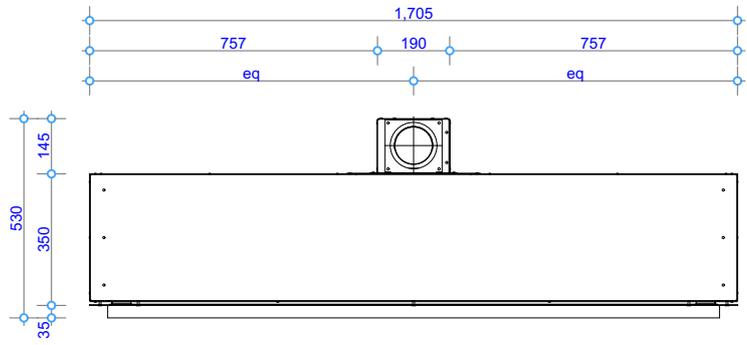




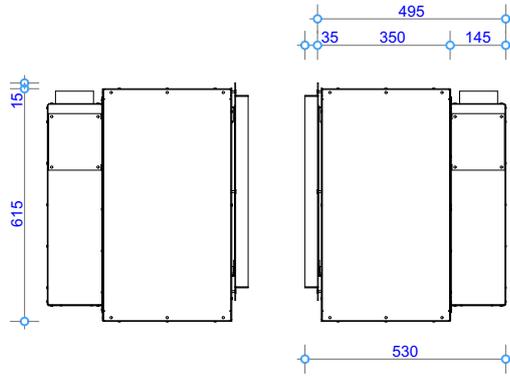
**GD1 - 1600**

**Specifications**

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

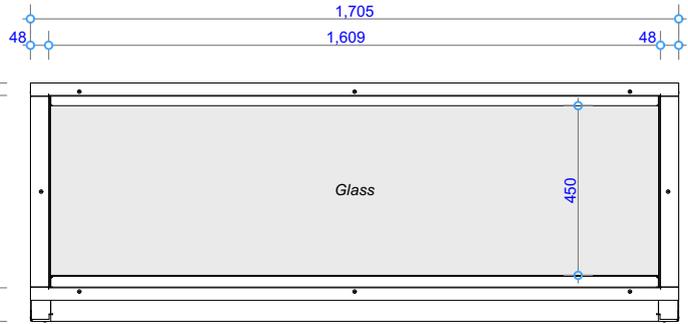


Plan View

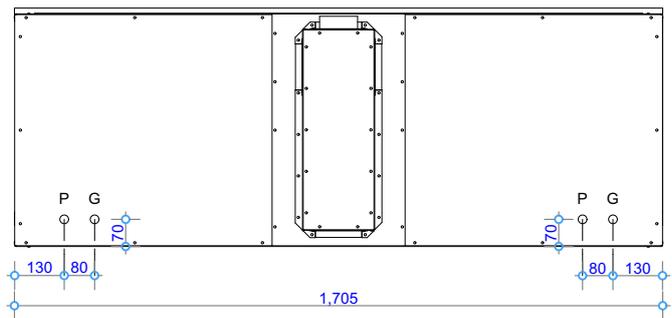


Side View

Side View



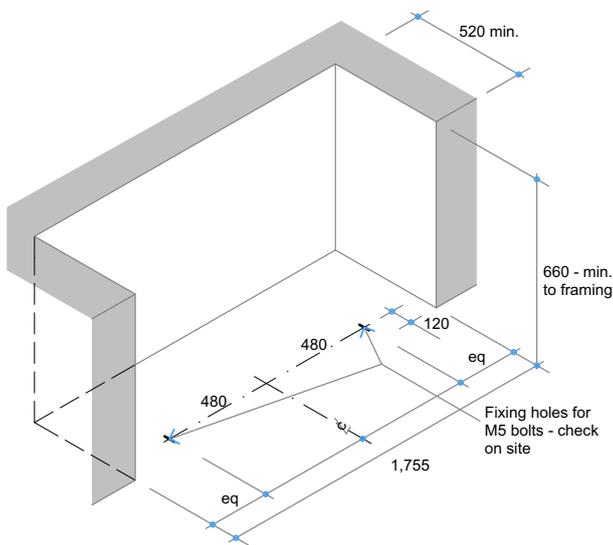
Front View



Rear View

P = Power In  
G = Gas In

TOLERANCE = +/- 3mm



Fire 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: SR

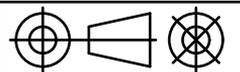
Date: 08/05/2018

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



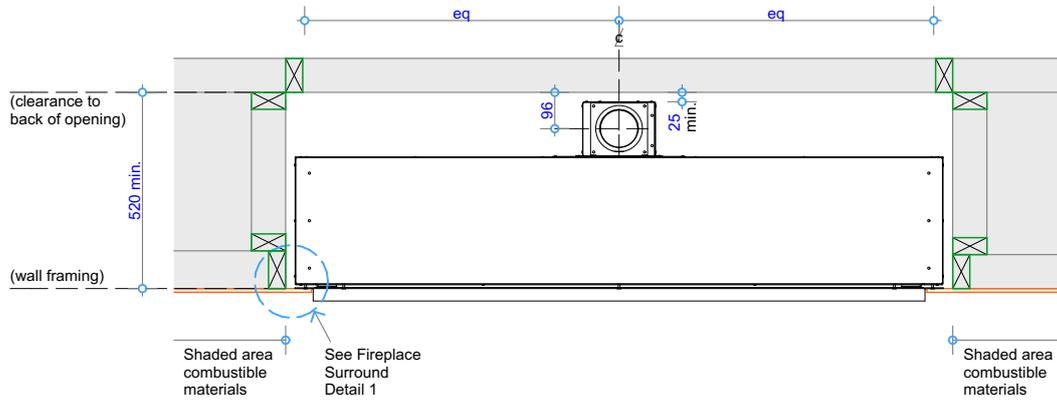
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**THE FIRE DEPT.**

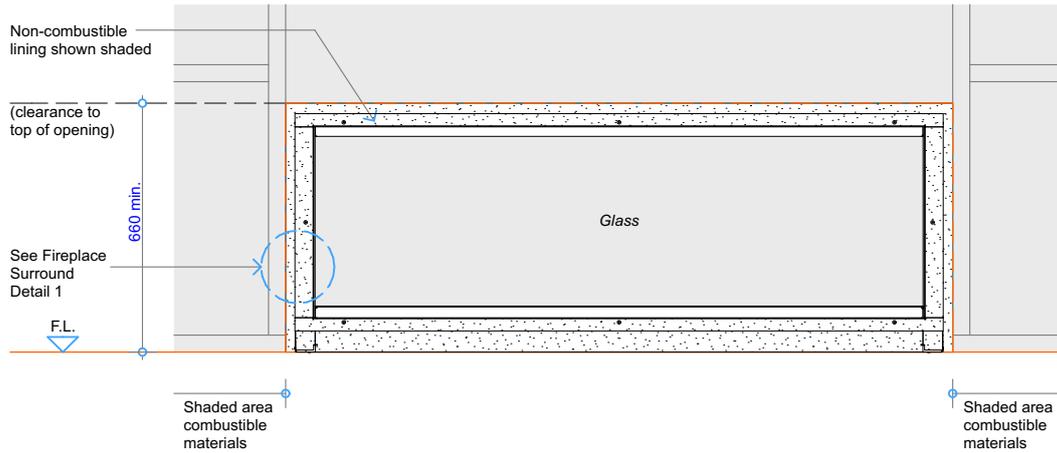
Drawing No. **GD1-1600-901**

Sheet 01 of 07

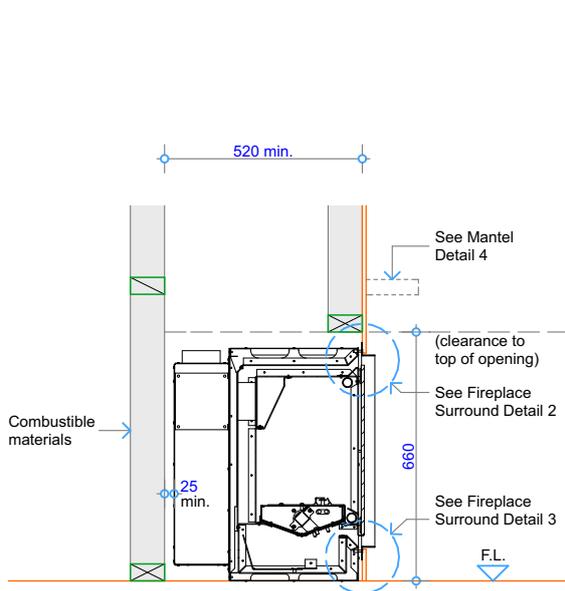
Revision **5**



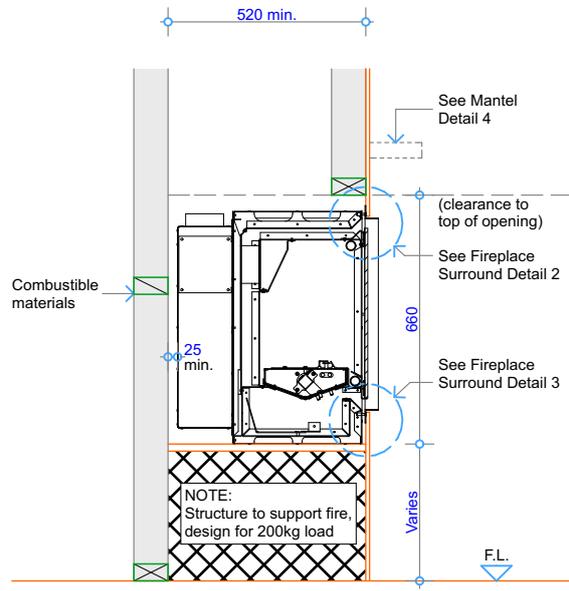
Plan View - Fire Insert



Front View - Fire Insert



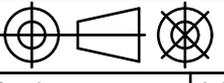
Cross Section - Fire Insert at Floor Level



Cross Section - Fire Insert on Raised Plinth

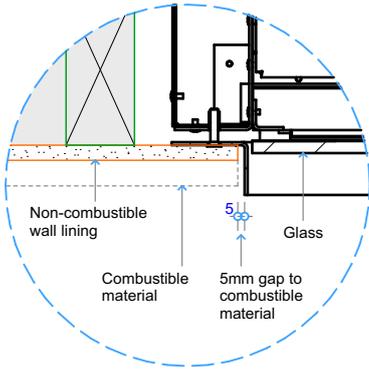
NOTE: Plinth height can vary to suit

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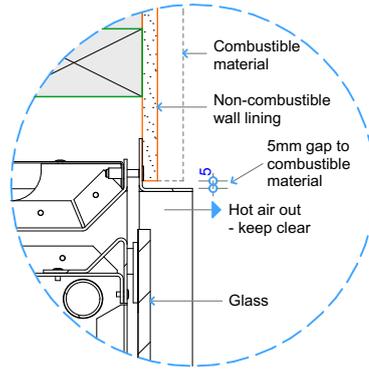
Client: THE FIRE DEPT.		
Product: GD1-1600		
Title: CAVITY CLEARANCES		
Drawn: SR	Date: 08/05/2018	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Scale:		on A4



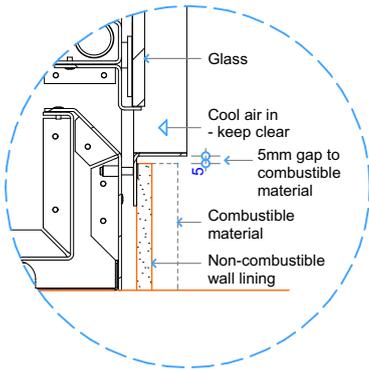
Drawing No.	<b>GD1-1600-902</b>	Sheet 02 of 07	Revision <span style="border: 1px solid black; padding: 2px;">5</span>
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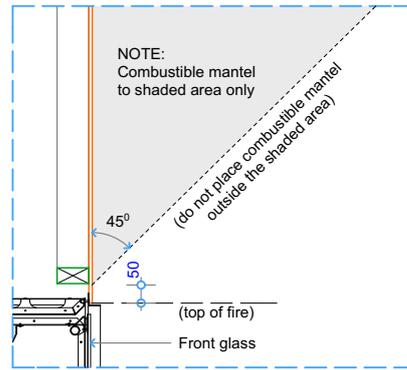
Detail 1 - Plan View Fire Surround



Detail 2 - Top of Fire to Combustible Materials



Detail 3 - Bottom of Fire to Floor



Detail 4 - Top of Fire to Combustible Mantel

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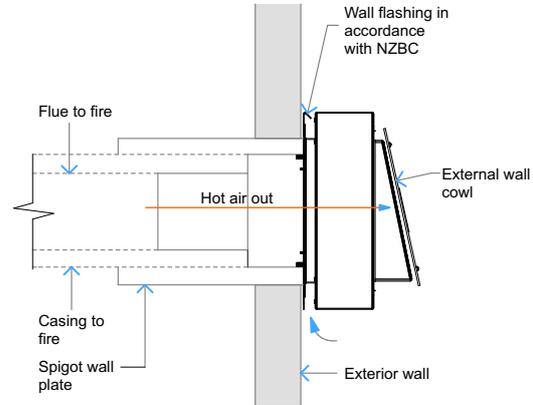
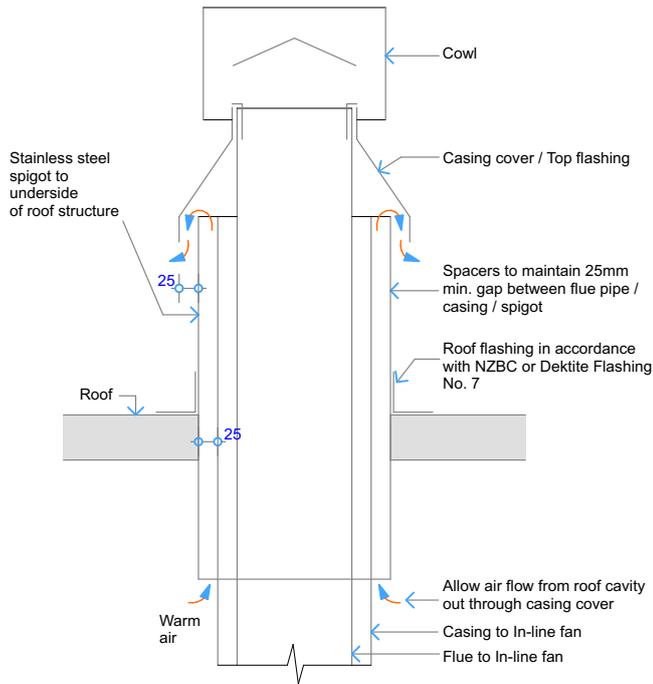
Client: THE FIRE DEPT.		
Product: GD1-1600		
Title: SURROUND DETAILS		
Drawn: SR	Date: 08/05/2018	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Scale:		on A4

THE  
 FIRE  
 DEPT.

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

Sheet 03 of 07

Revision 5



**Detail - Air Ventilation through Casing cover/ Top flashing**

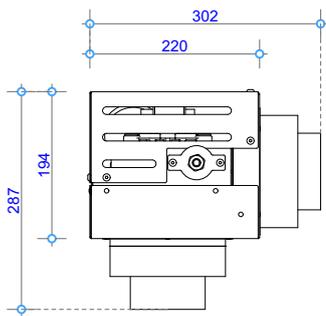
Flue components:  
 100mm dia. Flue  
 150mm dia. Casing  
 200mm dia. Spigot  
 Deklite Flashing No. 7

**NOTE:**

Flue components must be installed to AS/NZS5601 requirements.  
 All external penetration flashings must be installed in accordance with NZBC.  
 Fire supplied with 3m of 5 core wire 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 riverts.  
 Flue to be adequately supported at 2.4m crs.

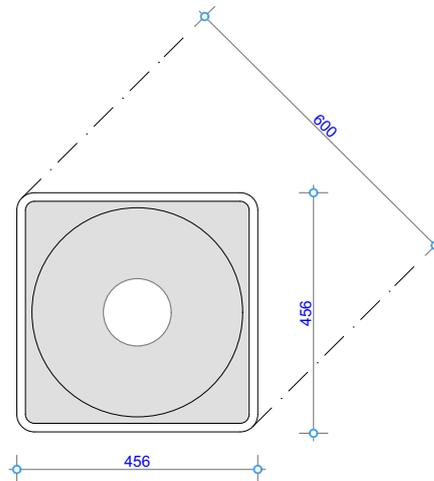
**Detail - Air Ventilation through Wall**

Flue components:  
 100mm dia. Flue  
 150mm dia. Casing  
 200mm dia. Spigot



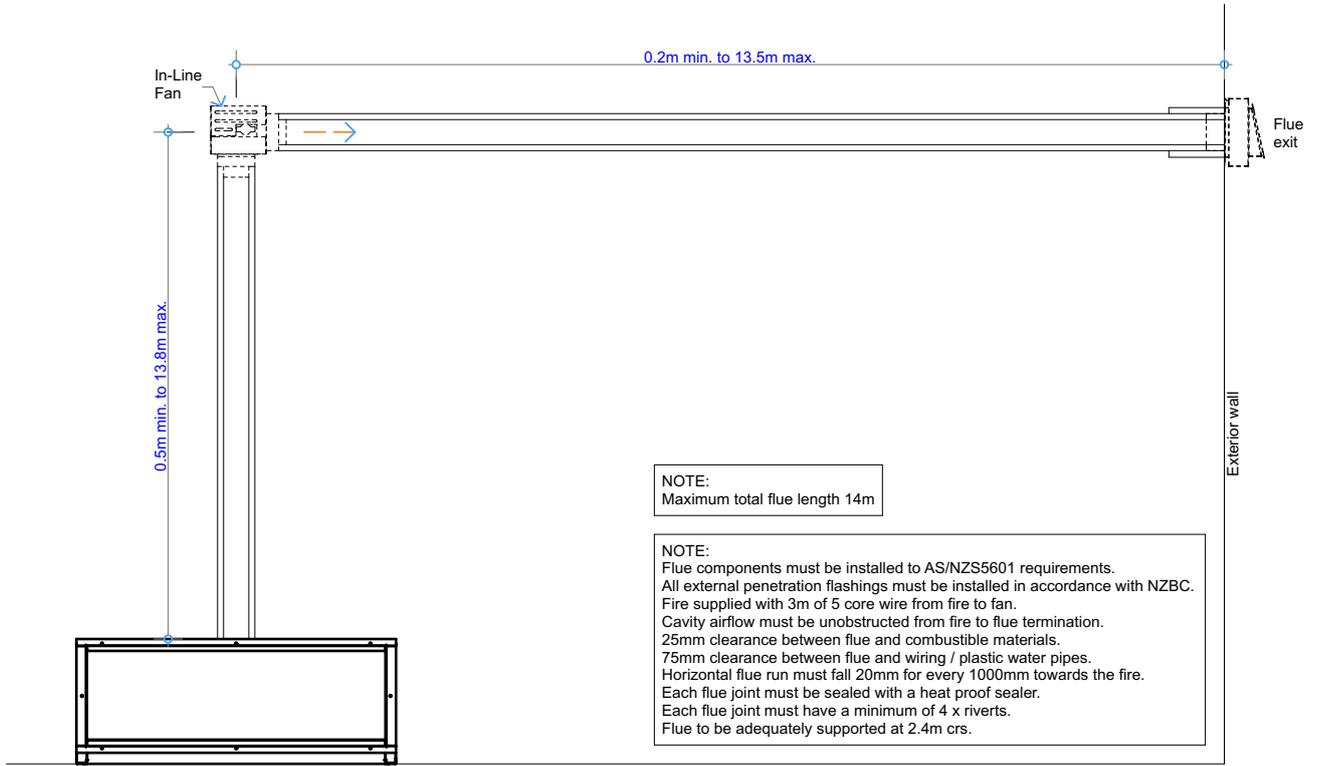
**Detail - In-Line Fan**

NOTE: Requires access hatch for maintenance

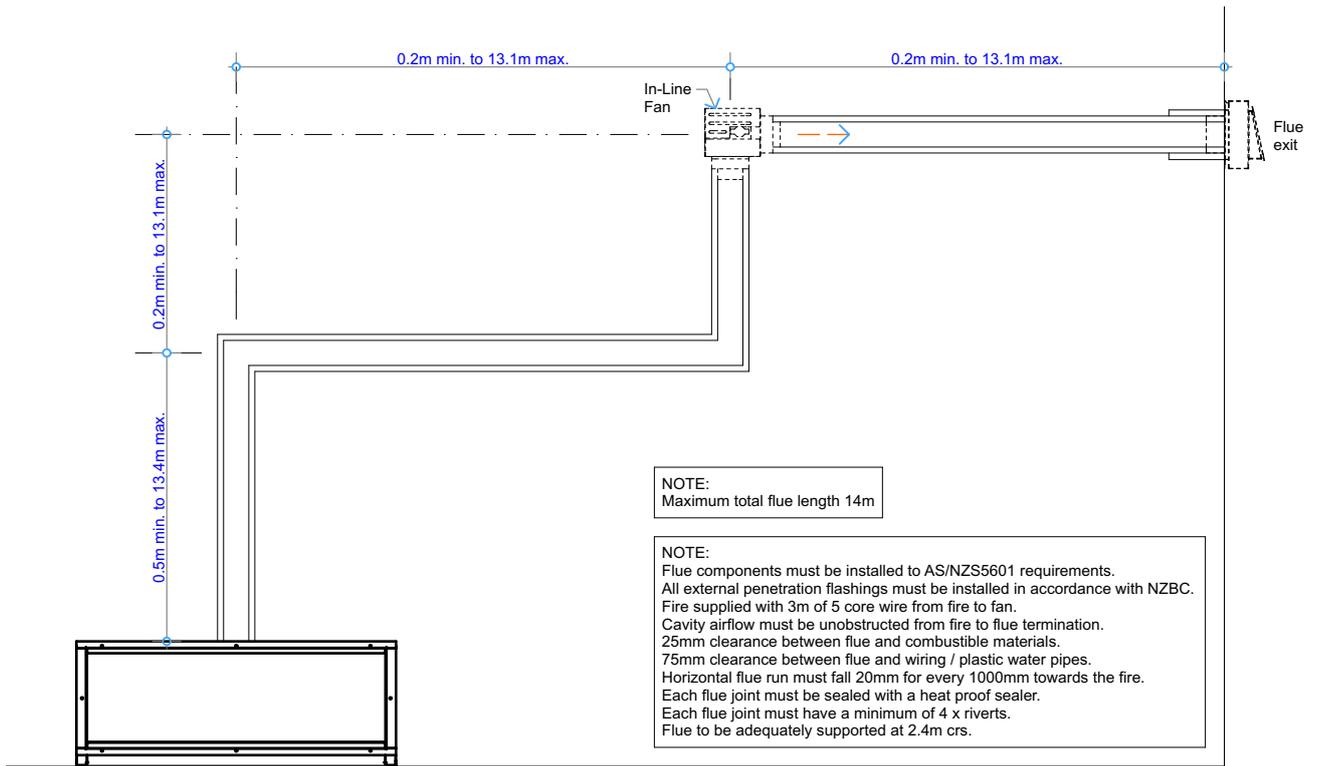


**Deklite Flashing No. 7 - Plan View**

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	Product: GD1-1600			
	Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS			
	Drawn: SR	Date: 08/05/2018		
	Chkd: JW	Date: 08/05/2018		
	Appd: JW	Date: 08/05/2018		
Drawing No. <b>GD1-1600-904</b>		Sheet 04 of 07	Revision <span style="border: 1px solid black; padding: 2px;">5</span>	



**Horizontal Flue Combination GD1A**



**Horizontal Flue Combination GD1B**

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Client: THE FIRE DEPT.

Product: GD1-1600

Title: HORIZONTAL FLUE COMBINATION OPTIONS

Drawn: SR

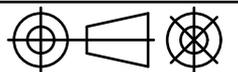
Date: 08/05/2018

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



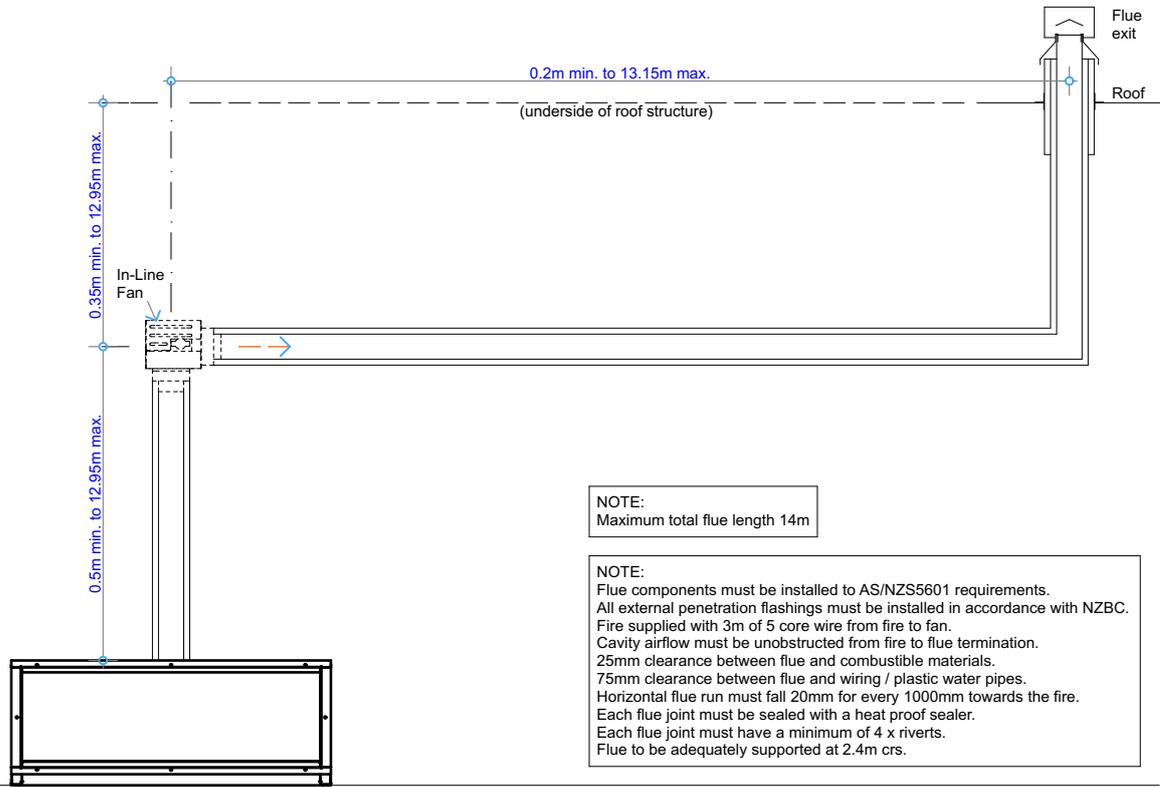
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**THE FIRE DEPT.**

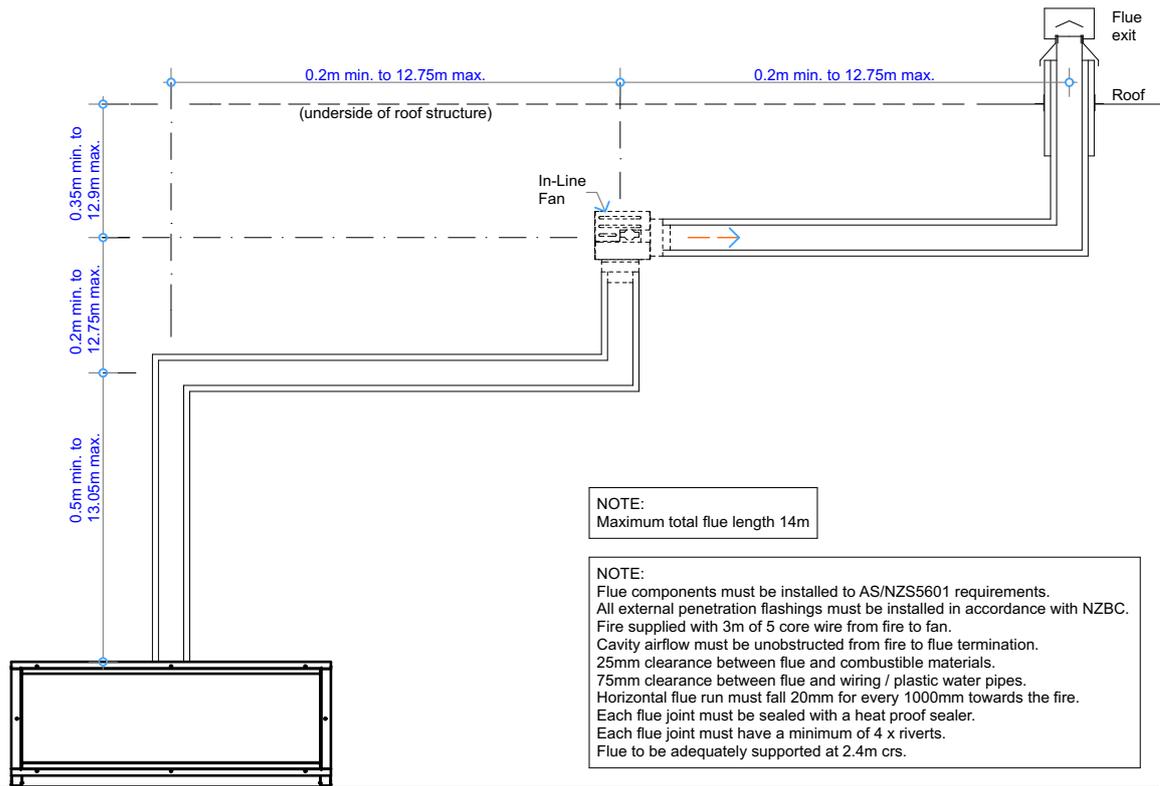
Drawing No. **GD1-1600-905**

Sheet 05 of 07

Revision **5**

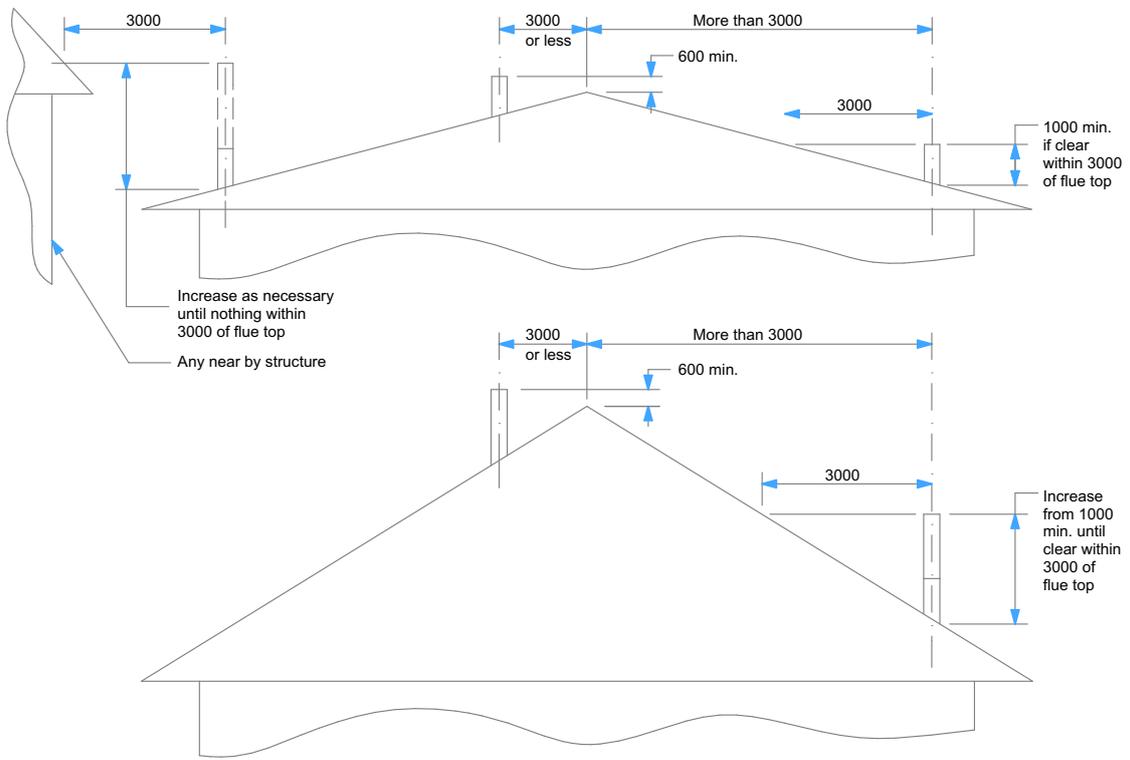


Vertical Flue Combination GD1C

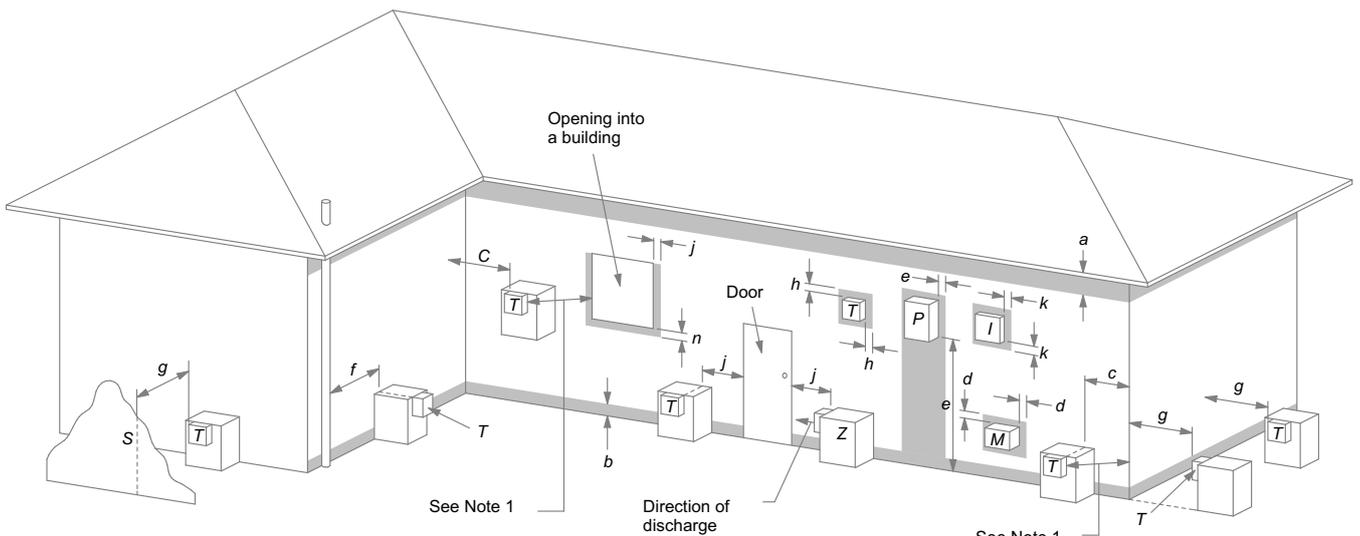


Vertical Flue Combination GD1D

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	Product: GD1-1600			
	Title: VERTICAL FLUE COMBINATION OPTIONS			
	Drawn: SR	Date: 08/05/2018		
	Chkd: JW	Date: 08/05/2018		
Appd: JW	Date: 08/05/2018	Scale: on A4		
Drawing No.	GD1-1600-906		Sheet 06 of 07	Revision 5



**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: GD1-1600

Title: FLUE EXIT CLEARANCES

Drawn: SR

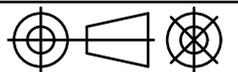
Date: 08/05/2018

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4



Drawing No. **GD1-1600-907**

Sheet 07 of 07

Revision **5**