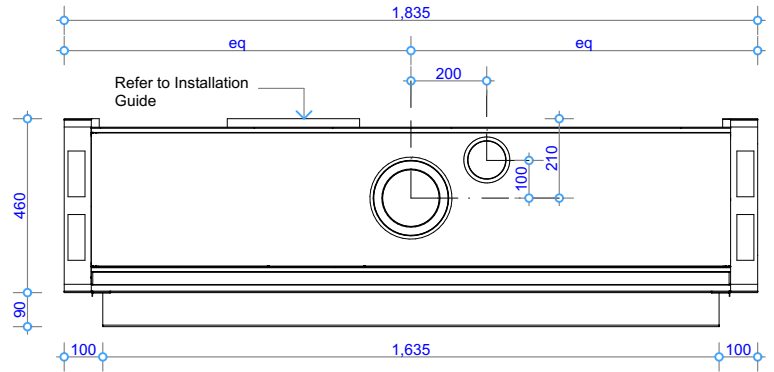




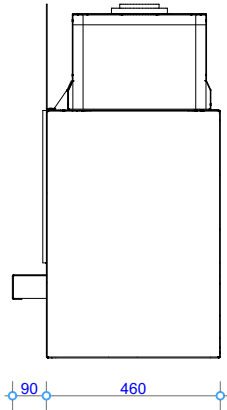
**GD12 - 1600**

**Specifications**

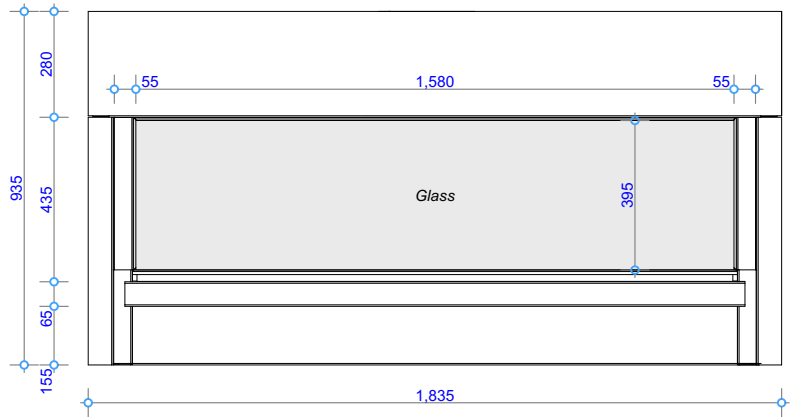
Information in this specification may be subject to change without notice. Please ensure you have the current version before beginning installation.



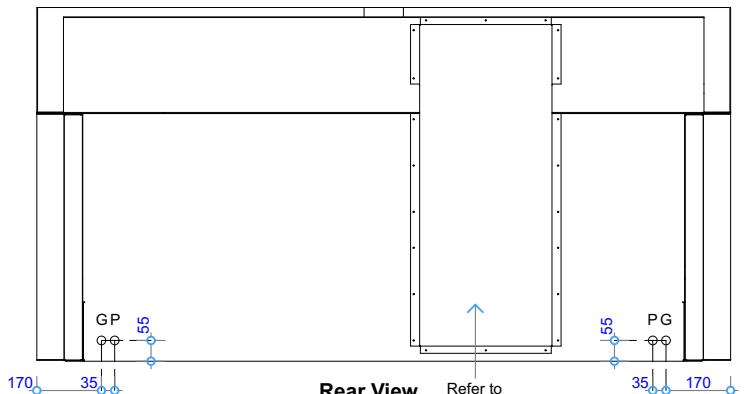
Plan View



Side View



Front View

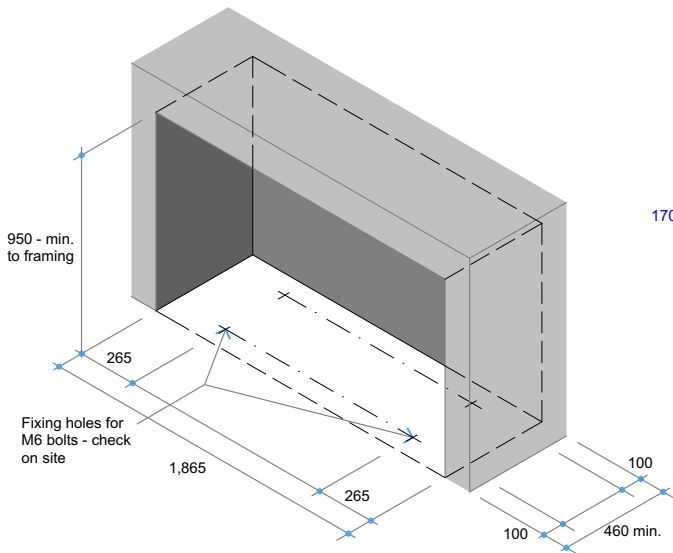


Rear View

P = Power In  
G = Gas In

Refer to Installation Guide

TOLERANCE = +/- 3mm



**Fire Installation - Trim Sizes**

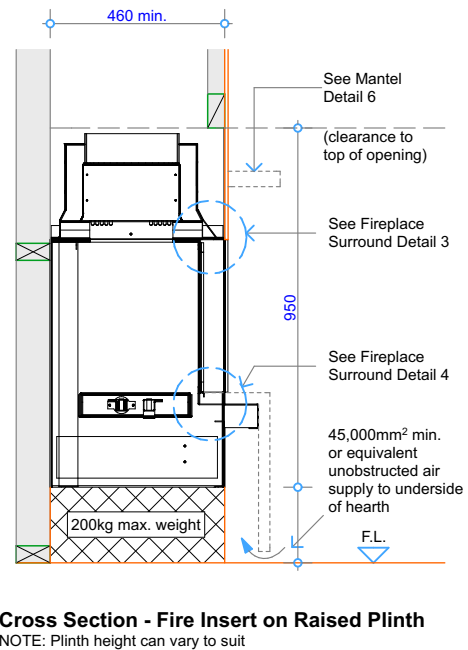
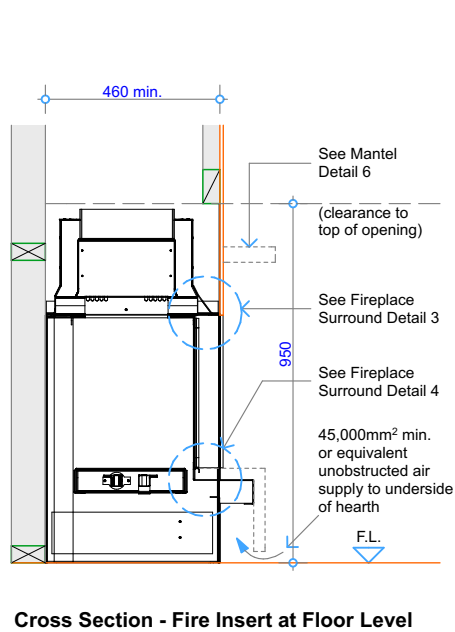
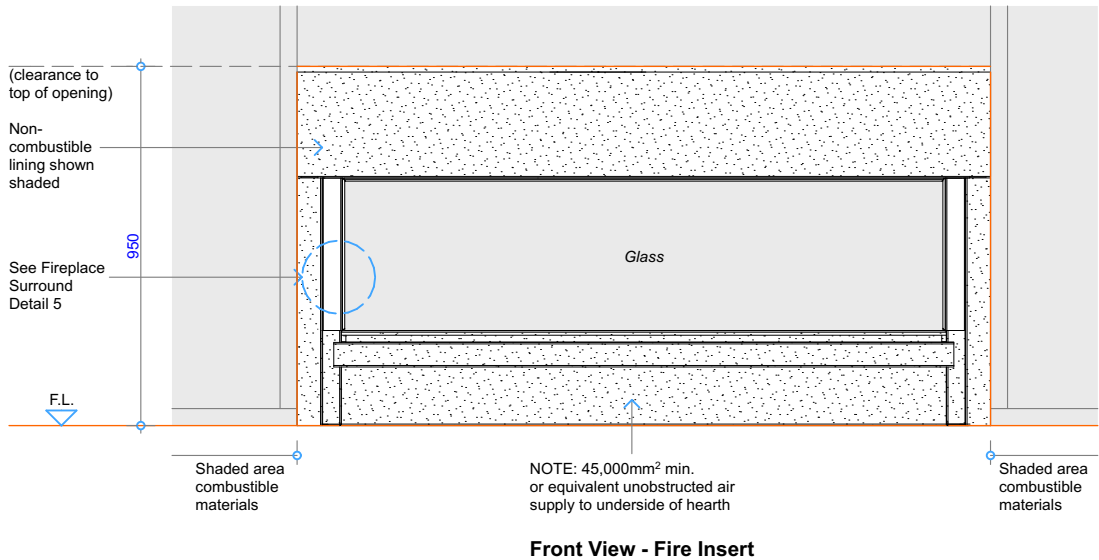
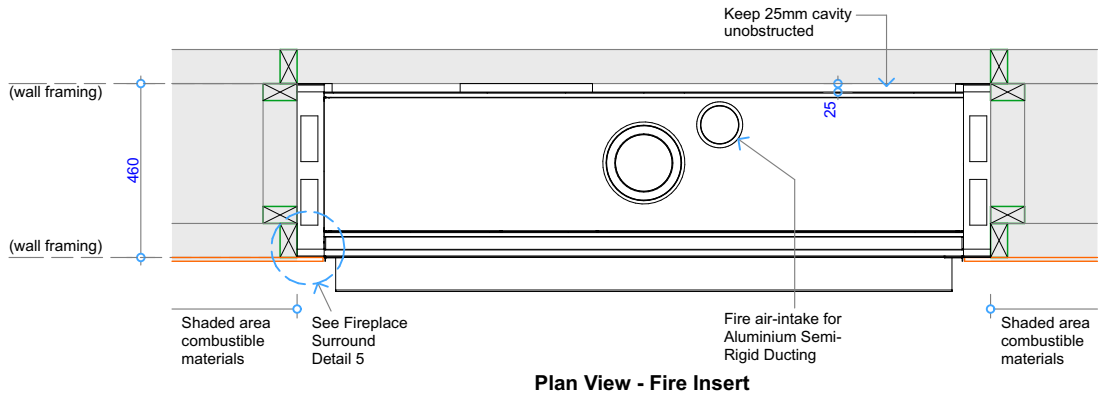
NOTE: Confirm fixing holes on site prior to drilling

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Client: THE FIRE DEPT.		
Product: GD12-1600		
Title: FIREBOX DIMENSIONS		
Drawn: SR	Date: 09/05/2018	
Chkd: JW	Date: 09/05/2018	
Appd: JW	Date: 09/05/2018	
Scale:		on A4



Drawing No.	<b>GD12-1600-901</b>	Sheet 01 of 07	Revision <span style="border: 1px solid black; padding: 2px;">5</span>
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Client: THE FIRE DEPT.

Product: GD12-1600

Title: CAVITY CLEARANCES

Drawn: SR

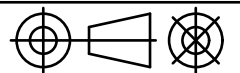
Date: 09/05/2018

Chkd: JW

Date: 09/05/2018

Appd: JW

Date: 09/05/2018



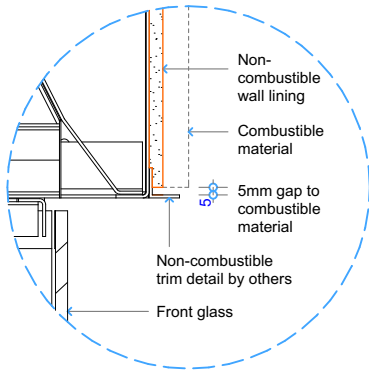
Scale: on A4

**THE FIRE DEPT.**

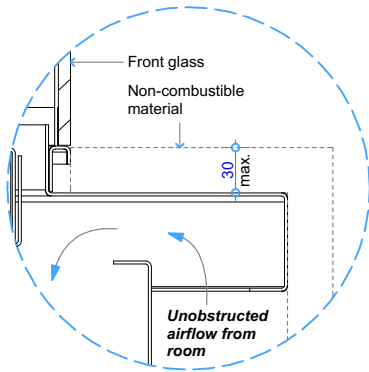
Drawing No. **GD12-1600-902**

Sheet 02 of 07

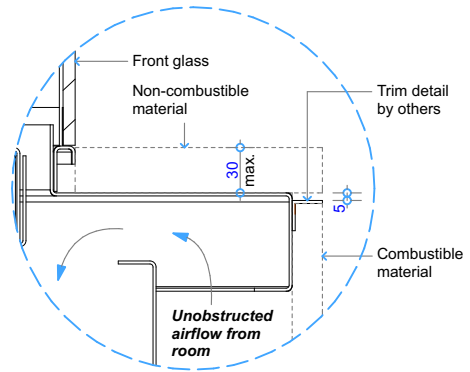
Revision **5**



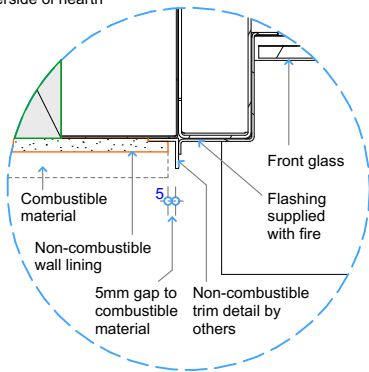
**Detail 3 - Top of Fire to Combustible Materials**



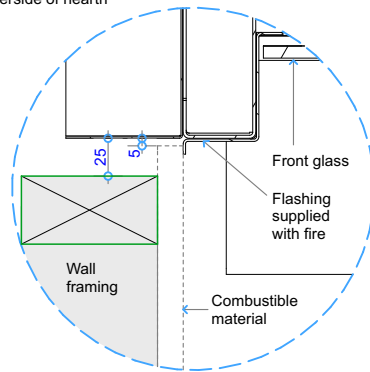
**Detail 4 - Bottom of Fire to Floor Opt. 5**  
NOTE: 45,000mm<sup>2</sup> min. or equivalent unobstructed air supply to underside of hearth



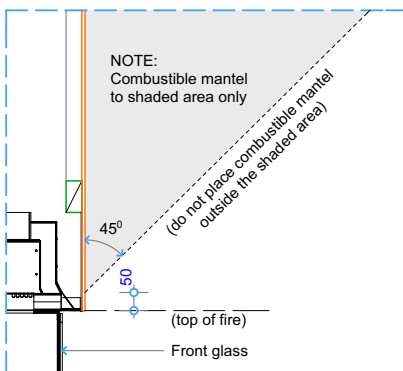
**Detail 4 - Bottom of Fire to Floor Opt. 6**  
NOTE: 45,000mm<sup>2</sup> min. or equivalent unobstructed air supply to underside of hearth



**Detail 5 - Plan View Fire Surround Opt. 7**

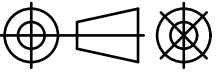


**Detail 5 - Plan View Fire Surround Opt. 8**



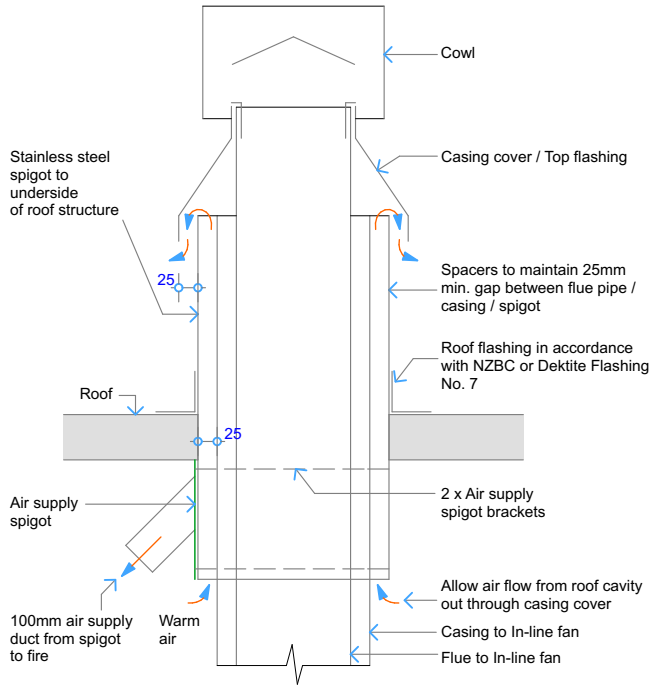
**Detail 6 - Top of Fire to Combustible Mantel**

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Client: THE FIRE DEPT.		
Product: GD12-1600		
Title: SURROUND DETAILS		
Drawn: SR	Date: 09/05/2018	
Chkd: JW	Date: 09/05/2018	
Appd: JW	Date: 09/05/2018	
Scale:		on A4



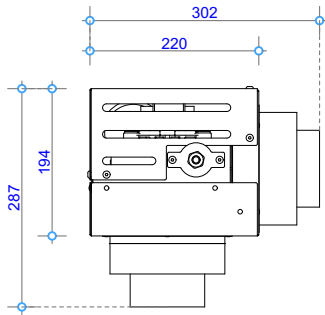
Drawing No.	<b>GD12-1600-903</b>	Sheet 03 of 07	Revision <span style="border: 1px solid black; padding: 2px;">5</span>
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**Detail - Air Ventilation through Casing cover/ Top flashing**

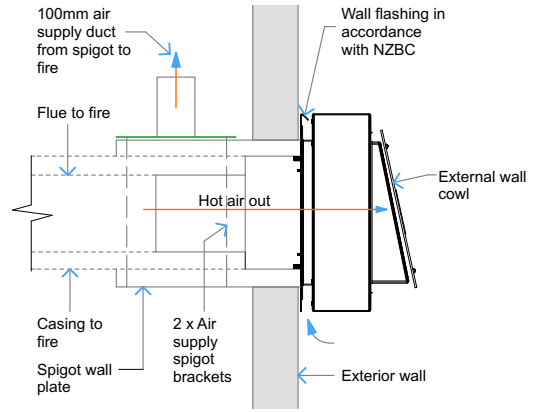
Flue components:  
 100mm dia. Flue  
 150mm dia. Casing  
 200mm dia. Spigot  
 Deklite Flashing No. 7

**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 rivets.  
 Flue to be adequately supported at 2.4m crs.  
 Fix Aluminium Semi-Rigid Duct with 4 x rivets and sufficient duct tape to fire, spigot, and at each joint.



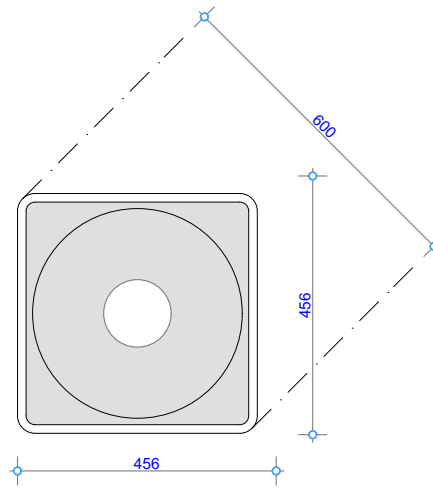
**Detail - In-Line Fan**

NOTE: Requires access hatch for maintenance



**Detail - Air Ventilation through Wall**

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



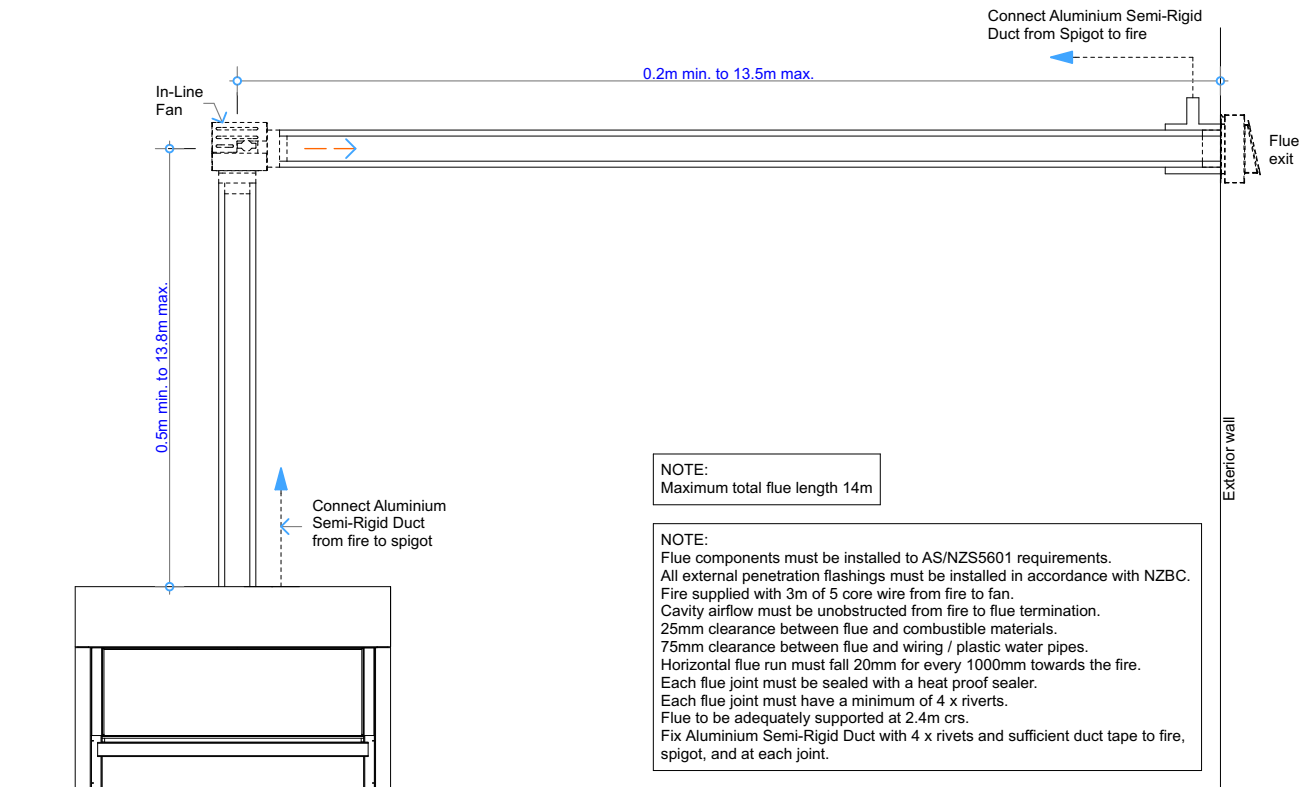
**Deklite Flashing No. 7 - Plan View**

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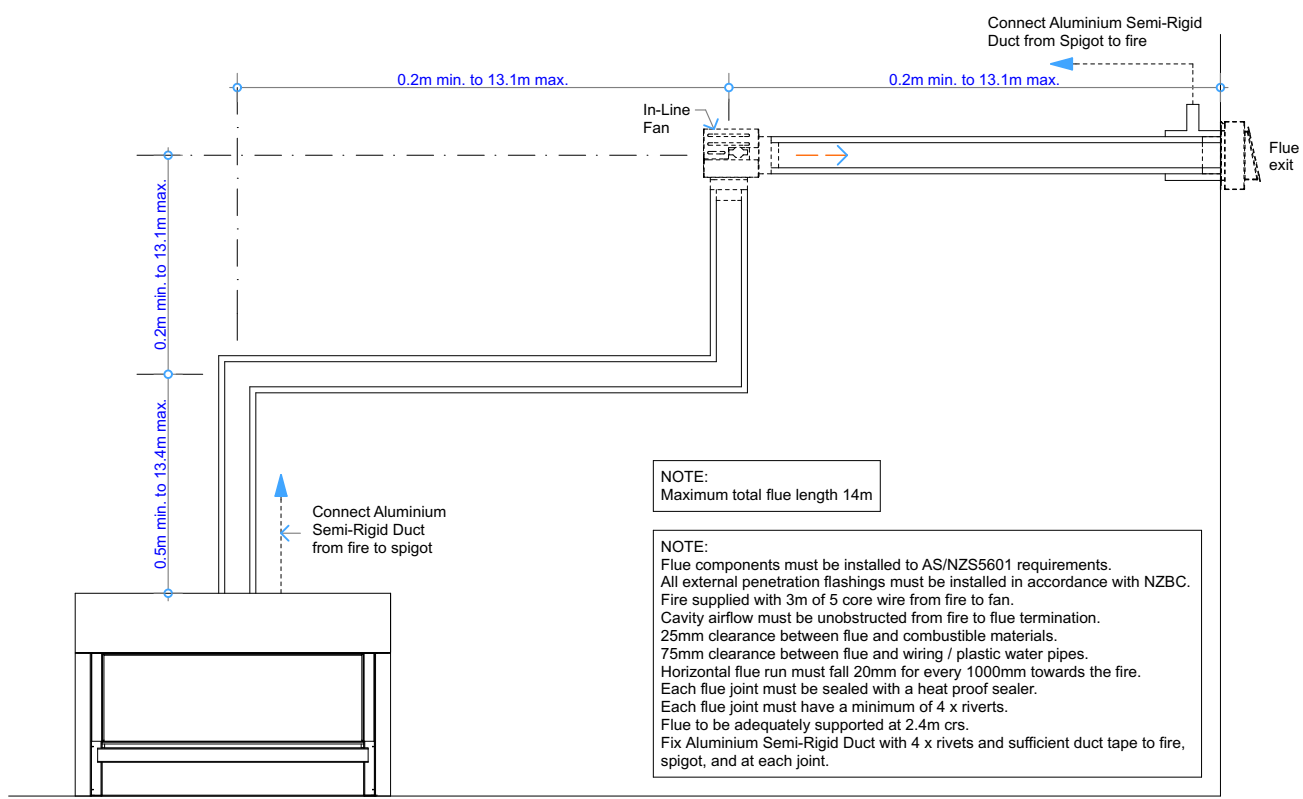
Client: THE FIRE DEPT.		
Product: GD12-1600		
Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS		
Drawn: SR	Date: 09/05/2018	
Chkd: JW	Date: 09/05/2018	
Appd: JW	Date: 09/05/2018	
Scale:		on A4



Drawing No.	<b>GD12-1600-904</b>	Sheet 04 of 07	Revision <span style="border: 1px solid black; padding: 2px;">5</span>
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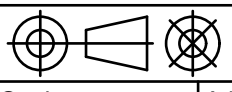


**Horizontal Flue Combination GD12A**



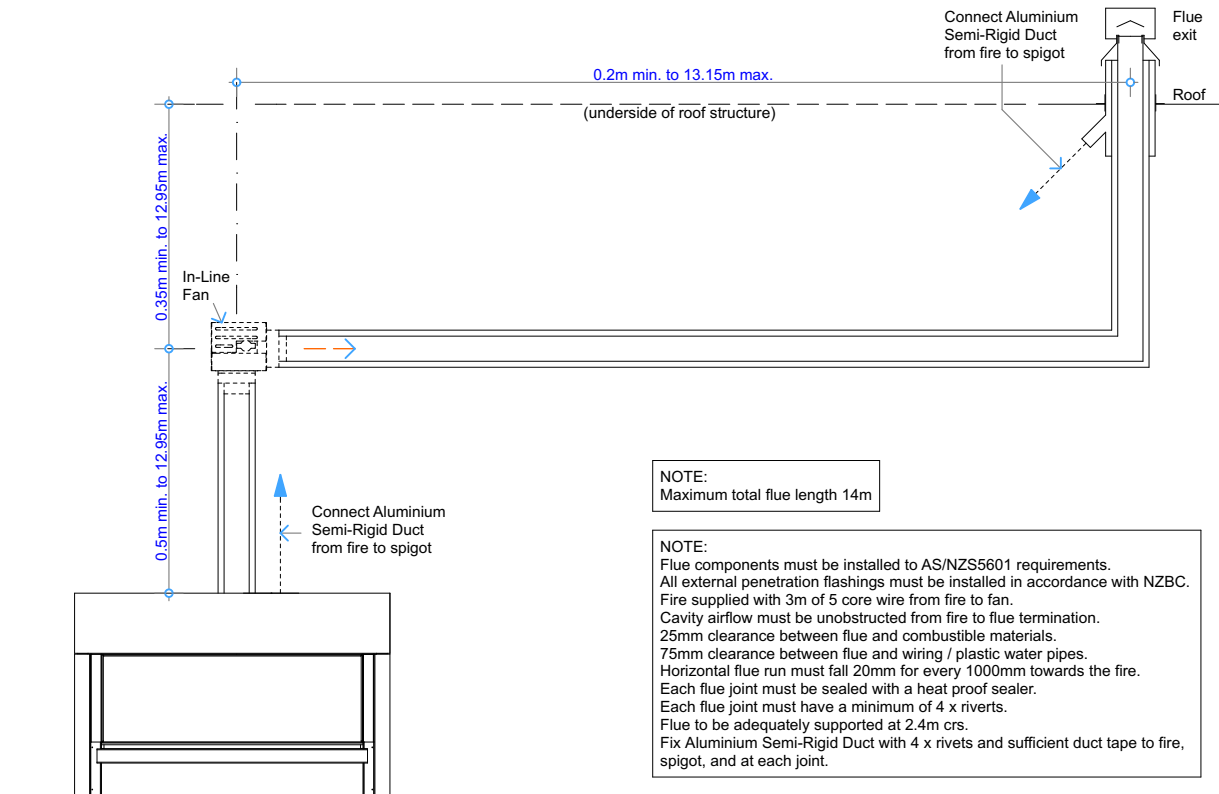
**Horizontal Flue Combination GD12B**

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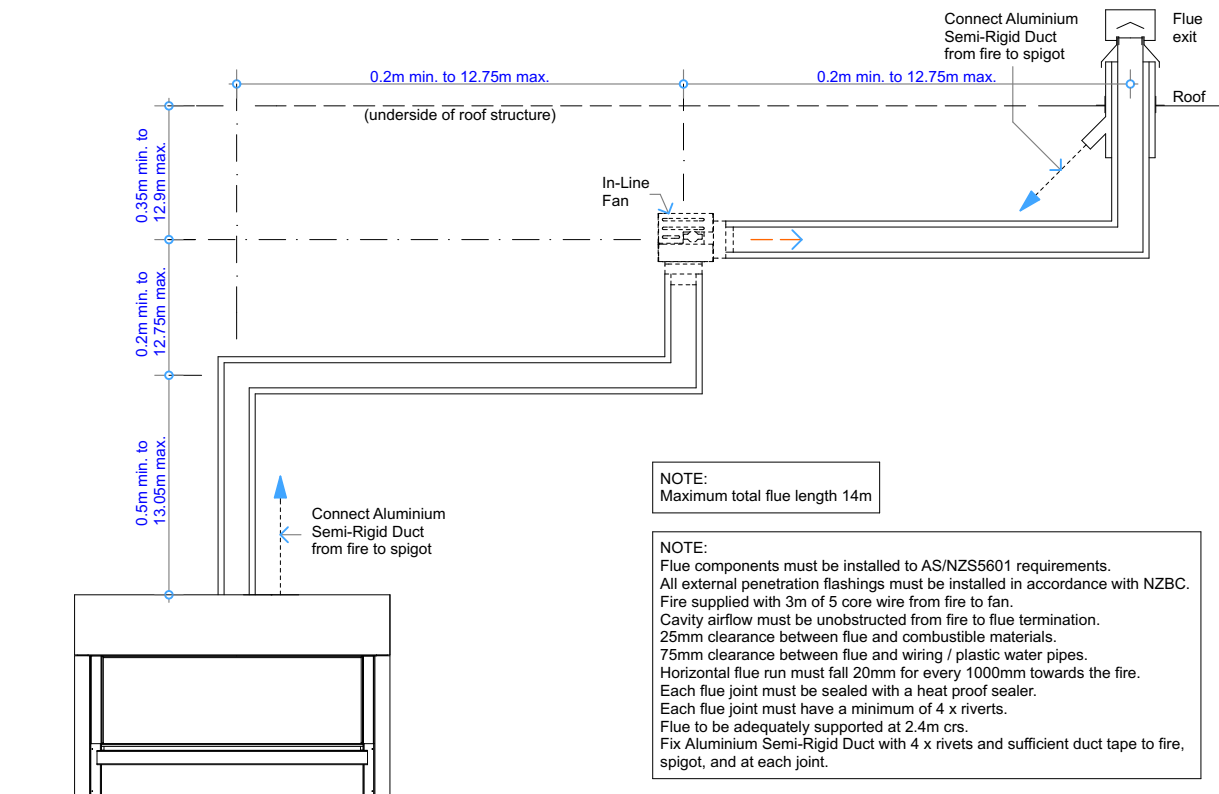
Client: THE FIRE DEPT.		
Product: GD12-1600		
Title: HORIZONTAL FLUE COMBINATION OPTIONS		
Drawn: SR	Date: 09/05/2018	
Chkd: JW	Date: 09/05/2018	
Appd: JW	Date: 09/05/2018	
Scale:		on A4



Drawing No.	<b>GD12-1600-905</b>	Sheet 05 of 07	Revision <span style="border: 1px solid black; padding: 2px;">5</span>
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Vertical Flue Combination GD12C



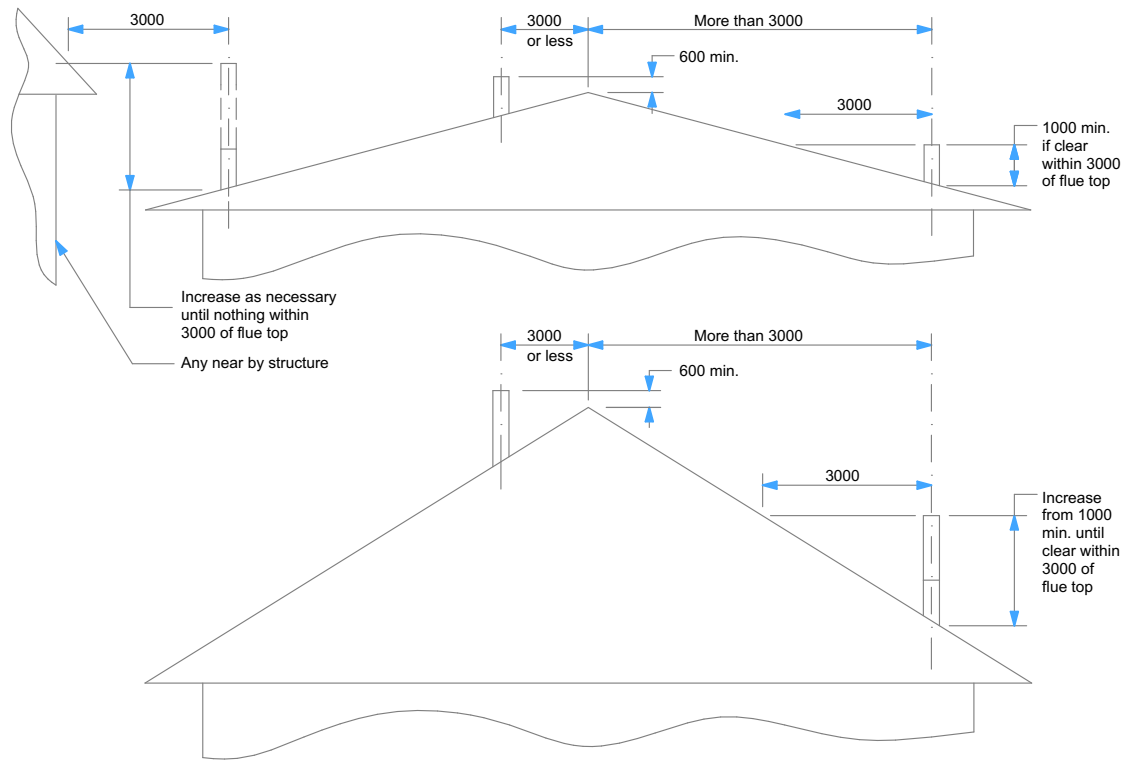
Vertical Flue Combination GD12D

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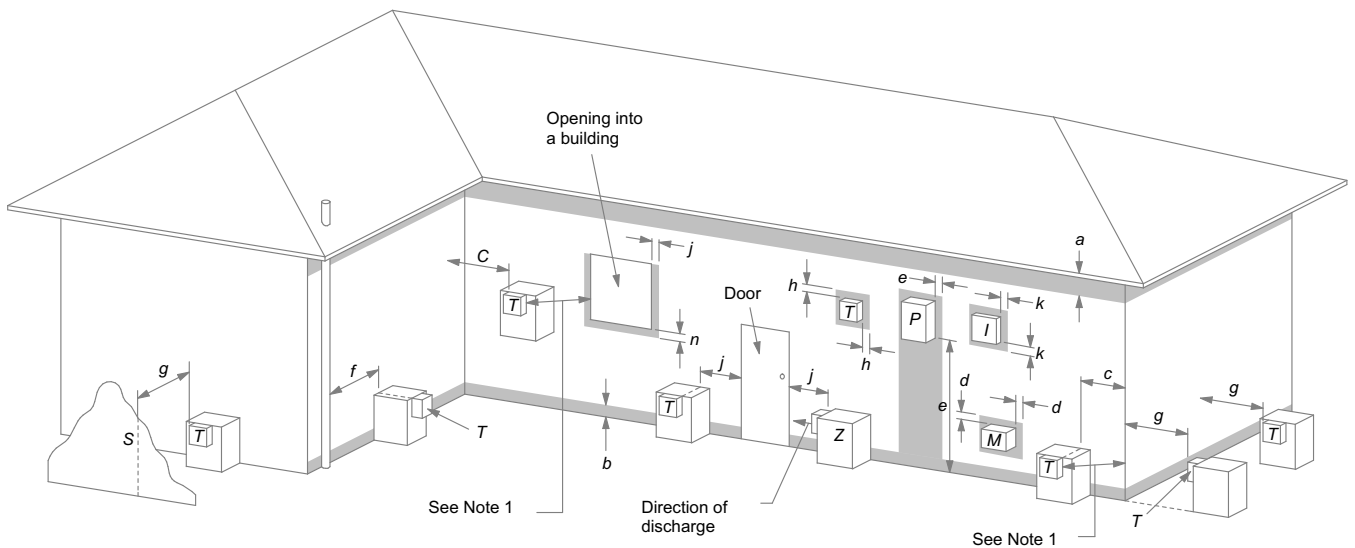
Client: THE FIRE DEPT.		
Product: GD12-1600		
Title: VERTICAL FLUE COMBINATION OPTIONS		
Drawn: SR	Date: 09/05/2018	
Chkd: JW	Date: 09/05/2018	
Appd: JW	Date: 09/05/2018	
Scale:		on A4



Drawing No.	GD12-1600-906	Sheet 06 of 07	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      g = 500  
 b = 300      h = 300  
 c = 300      j = 300 (at window) & 1500  
 d = 1000     (fan-assisted appliance by the door)  
 e = 500      k = 1000  
 f = 75        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: GD12-1600		
Title: FLUE EXIT CLEARANCES		
Drawn: SR	Date: 09/05/2018	
Chkd: JW	Date: 09/05/2018	
Appd: JW	Date: 09/05/2018	
Scale: on A4		



Drawing No.	<b>GD12-1600-907</b>	Sheet 07 of 07	Revision <span style="border: 1px solid black; padding: 2px;">5</span>
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