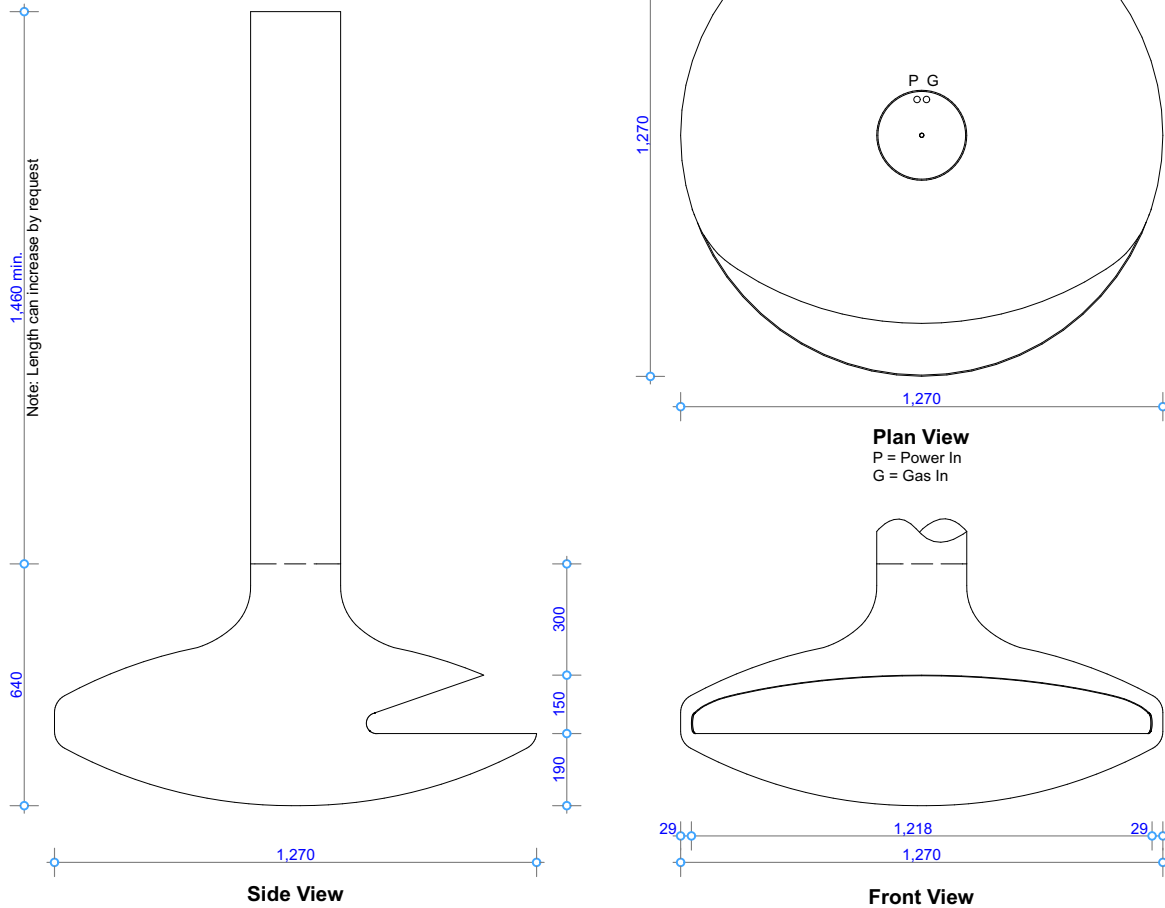




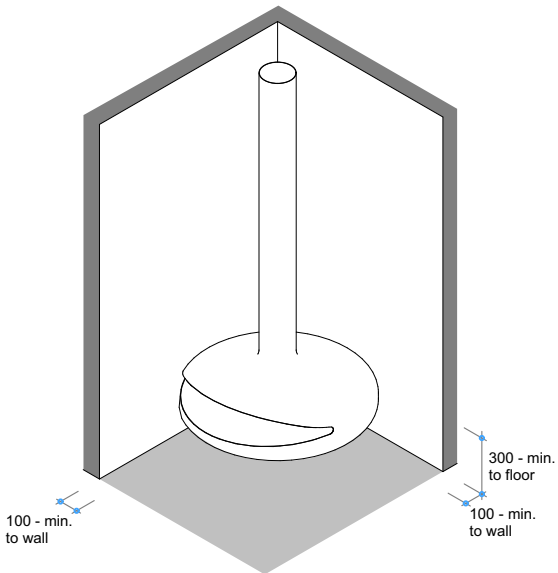
GD7

Specifications

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



TOLERANCE = +/- 3mm



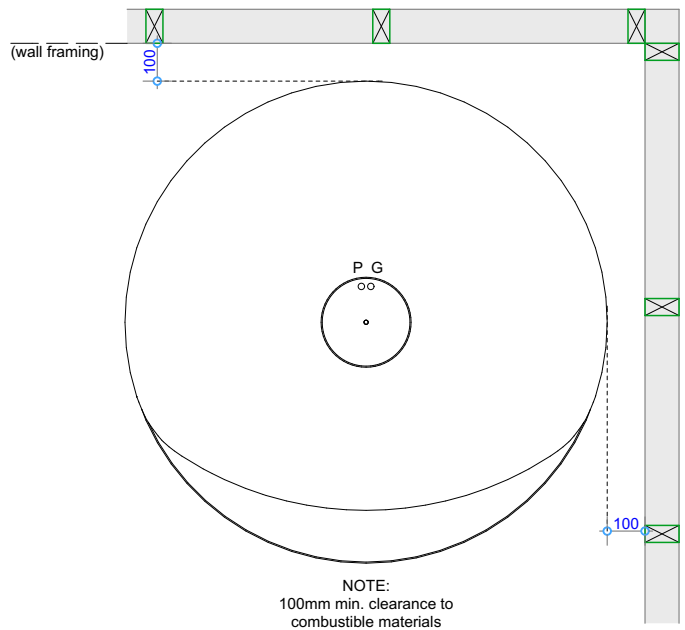
Fire Installation - Clearance to Combustibles

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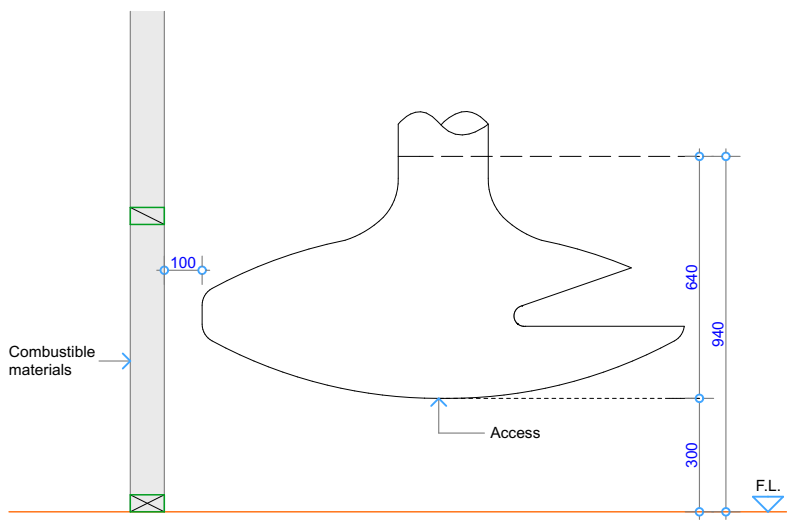
Client: THE FIRE DEPT.		
Product: GD7-1270		
Title: FIREBOX DIMENSIONS		
Drawn: SR	Date: 06/04/2018	
Chkd: JW	Date: 06/04/2018	
Appd: JW	Date: 06/04/2018	
Scale:		on A4



Drawing No.	GD7-1270-901	Sheet 01 of 08	Revision 5
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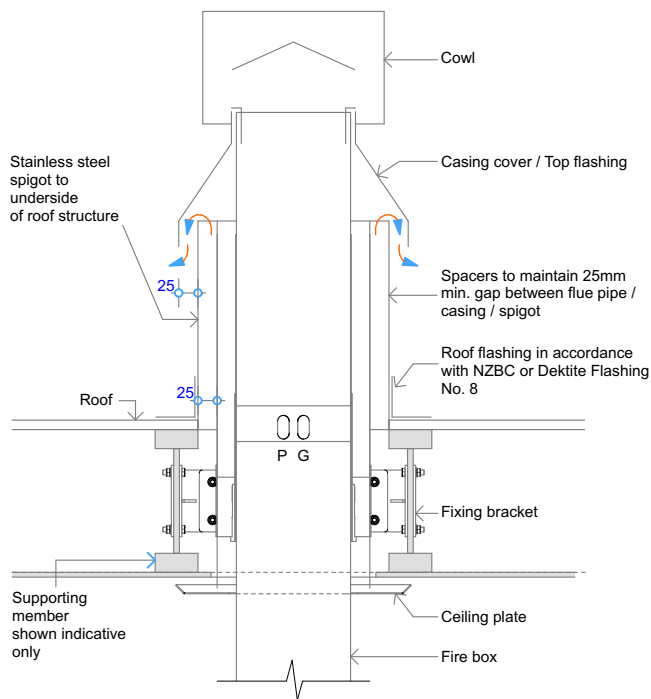


Plan View - Fire Insert



Cross Section - Fire Insert at Floor Level

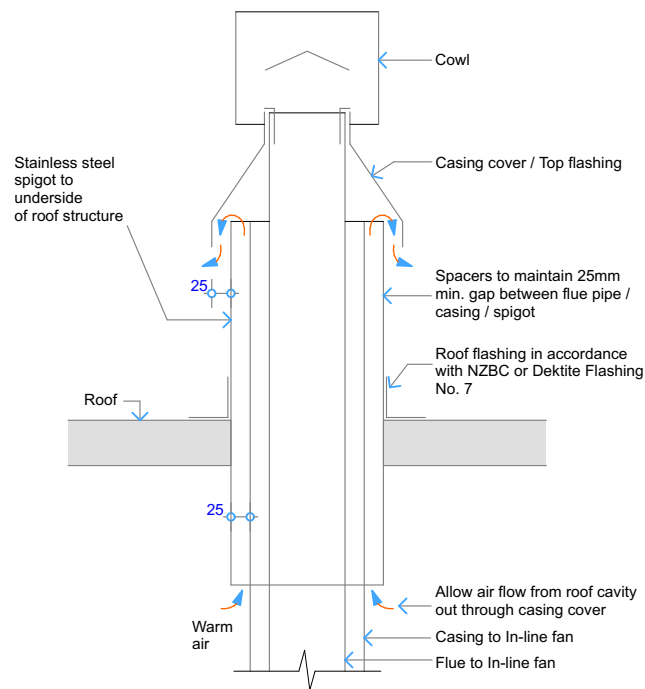
COPYRIGHT© THIS DRAWING IS THE PROPERTY OF The Fire Dept.	Client: THE FIRE DEPT.			THE FIRE DEPT.
	Product: GD7-1270			
	Title: CAVITY CLEARANCES			
	Drawn: SR	Date: 06/04/2018		
	Chkd: JW	Date: 06/04/2018		
Appd: JW	Date: 06/04/2018	Scale: on A4		
Drawing No.	GD7-1270-902		Sheet 02 of 08	Revision 5



Detail - Air Ventilation through Casing cover / Top flashing - Without Fan

Flue components:
 240mm dia. Flue
 290mm dia. Casing
 340mm dia. Spigot
 Deklite Flashing No. 8

NOTE:
 Flue components must be installed to AS/NZS5601 requirements.
 All external flue penetration flashings must be installed in accordance with NZBC.
 Fire supplied with 3m of 5 core wire from fixing bracket 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.

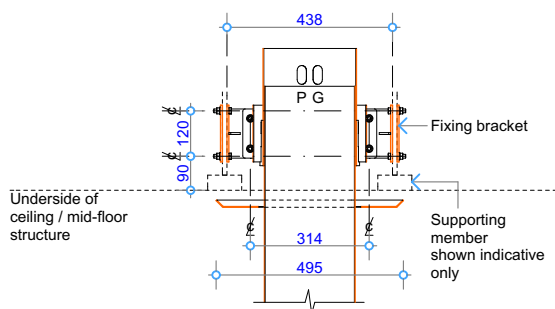


Detail - Air Ventilation through Casing cover / Top flashing - With Fan

Flue components (from Fire to Fan):
 240mm dia. Flue
 290mm dia. Casing

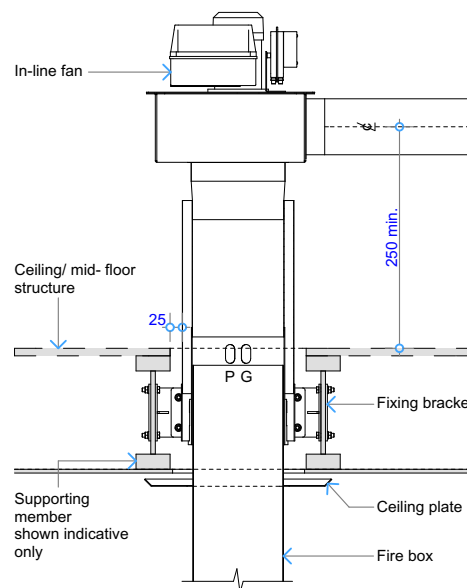
Flue components (from Fan to Flue Exit):
 150mm dia. Flue
 200mm dia. Casing
 250mm dia. Spigot
 Deklite Flashing No. 7

***Fixing Bracket design must be confirmed by Engineer**



Detail - Fixing bracket

NOTE:
 Weight of fire with factory supplied exposed 1460mm length flue = 200kg.
 Additional 20kg for every 1200mm exposed flue section.
Bracket engineering required (by others).



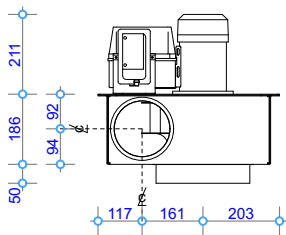
Detail - Firebox to In-line fan connection

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Client: THE FIRE DEPT.		
Product: GD7-1270		
Title: HORIZONTAL FLUE EXIT DETAILS		
Drawn: SR	Date: 06/04/2018	
Chkd: JW	Date: 06/04/2018	
Appd: JW	Date: 06/04/2018	
Scale: on A4		

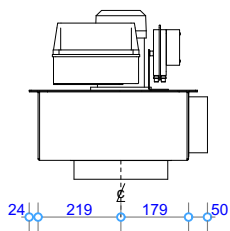


Drawing No. GD7-1270-903	Sheet 03 of 08	Revision 5
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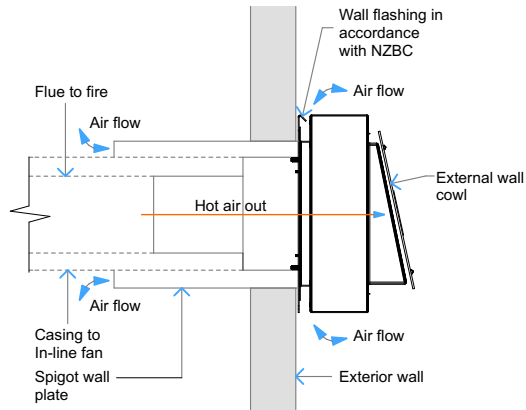


Detail - In-Line Fan - Front view

NOTE:
Requires access hatch for maintenance.
Cavity for In-line fan must have unobstructed
air flow from fire to flue termination.

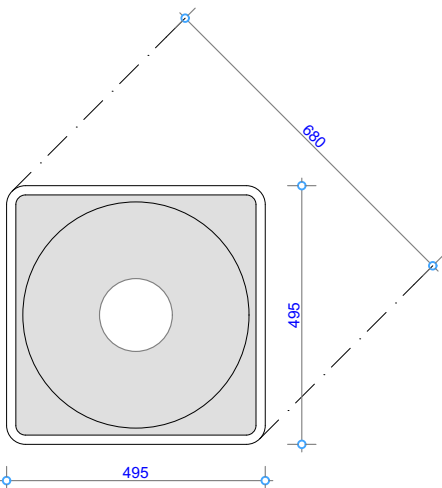


Side view

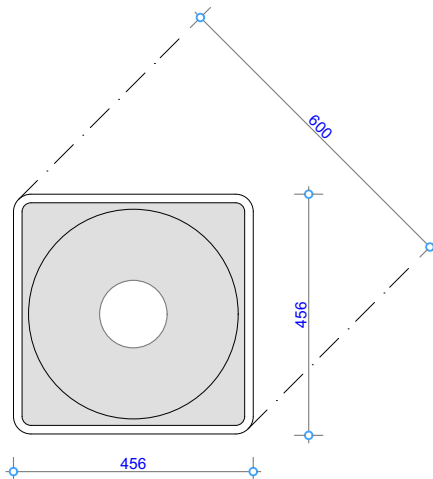


Detail - Air Ventilation through Wall

Flue components:
150mm dia. Flue
200mm dia. Casing
250mm dia. Spigot



Dekтите Flashing No. 8 - Plan View



Dekтите Flashing No. 7 - Plan View

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Client: THE FIRE DEPT.

Product: GD7-1270

Title: HORIZONTAL FLUE EXIT DETAILS

Drawn: SR

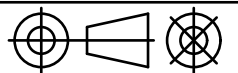
Date: 06/04/2018

Chkd: JW

Date: 06/04/2018

Appd: JW

Date: 06/04/2018



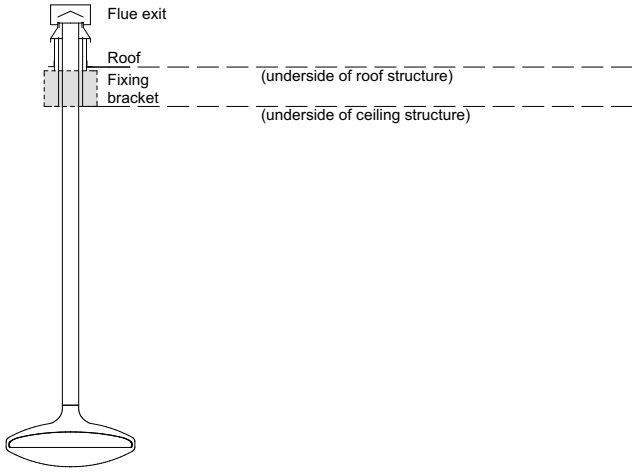
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Drawing No. **GD7-1270-904**

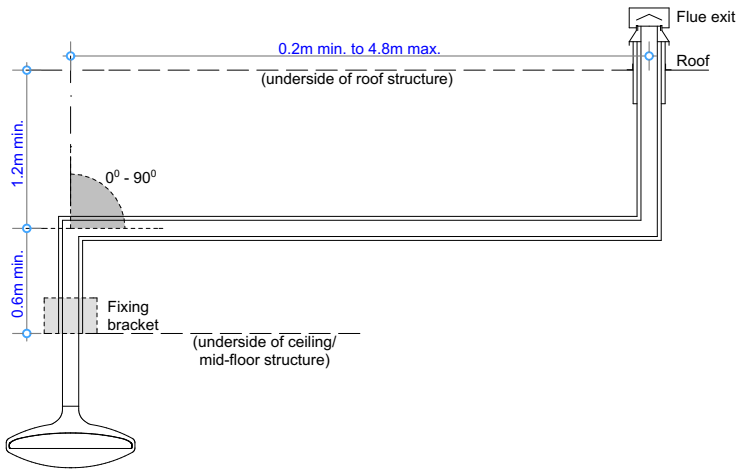
Sheet 04 of 08

Revision **5**



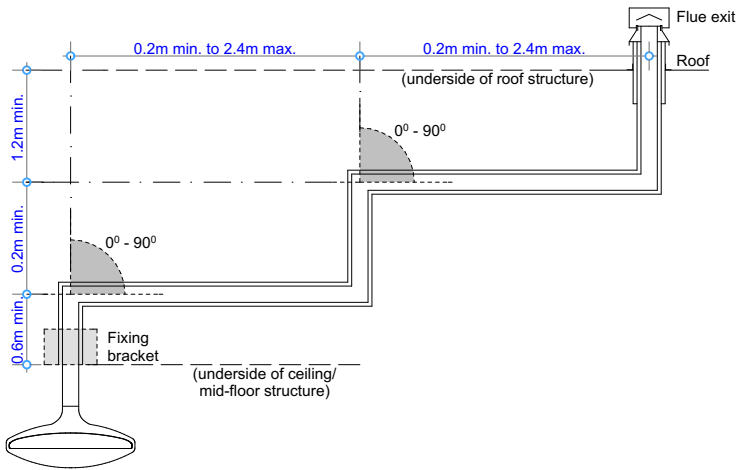
NOTE:
 Flue components must be installed to AS/NZS5601 requirements.
 All external penetration flashings must be installed in accordance with NZBC.
 Cavity airflow must be unobstructed from fire to flue termination.
 25mm clearance between flue and combustible materials.
 75mm clearance between flue and wiring / plastic water pipes.
 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.

Vertical Flue Combination GD7A



NOTE:
 Flue components must be installed to AS/NZS5601 requirements.
 All external penetration flashings must be installed in accordance with NZBC.
 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.

Vertical Flue Combination GD7B



NOTE:
 Flue components must be installed to AS/NZS5601 requirements.
 All external penetration flashings must be installed in accordance with NZBC.
 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.

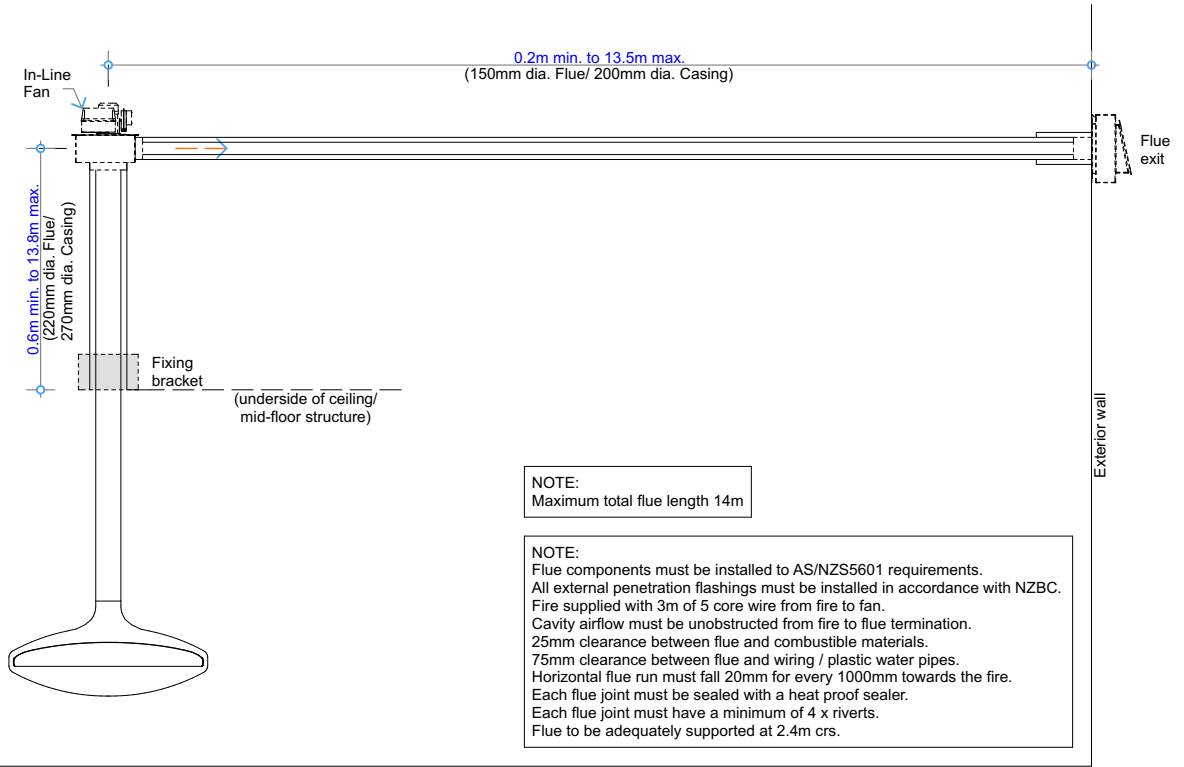
Vertical Flue Combination GD7C

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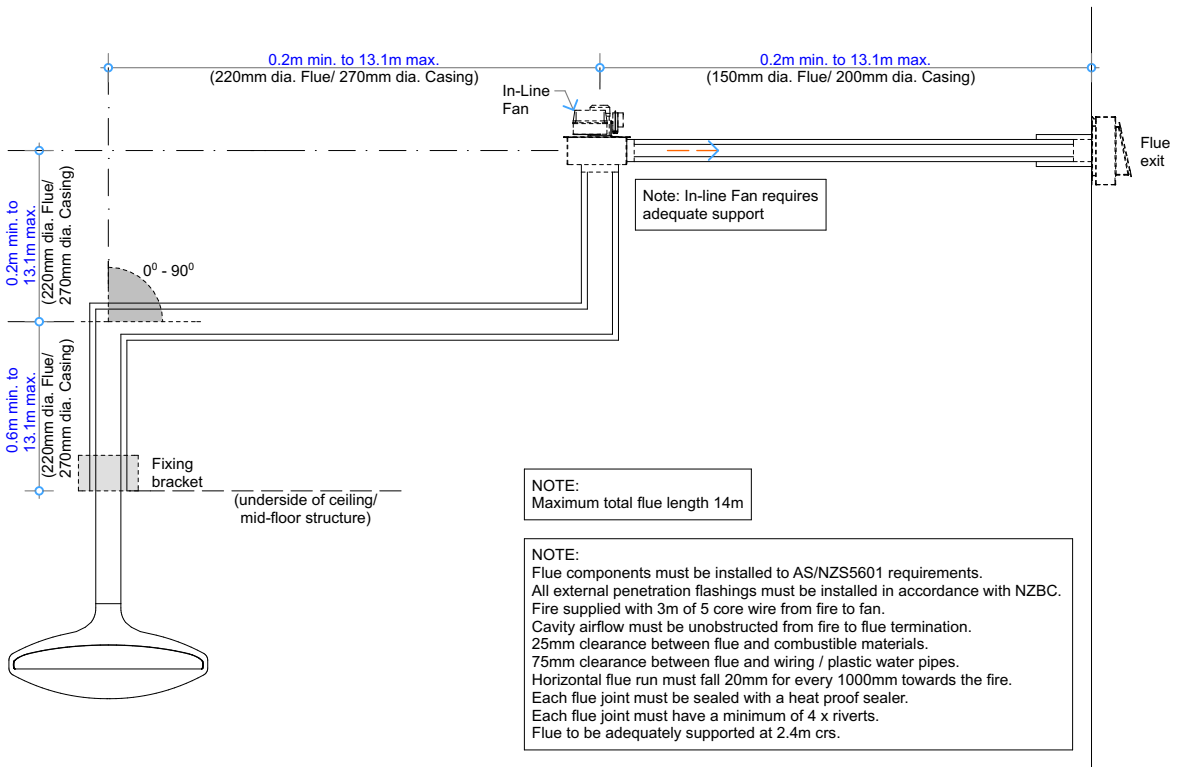
Client: THE FIRE DEPT.		
Product: GD7-1270		
Title: VERTICAL FLUE COMBINATION OPTIONS - WITHOUT FAN		
Drawn: SR	Date: 06/04/2018	
Chkd: JW	Date: 06/04/2018	
Appd: JW	Date: 06/04/2018	
Scale: on A4		



Drawing No.	GD7-1270-905	Sheet 05 of 08	Revision 5
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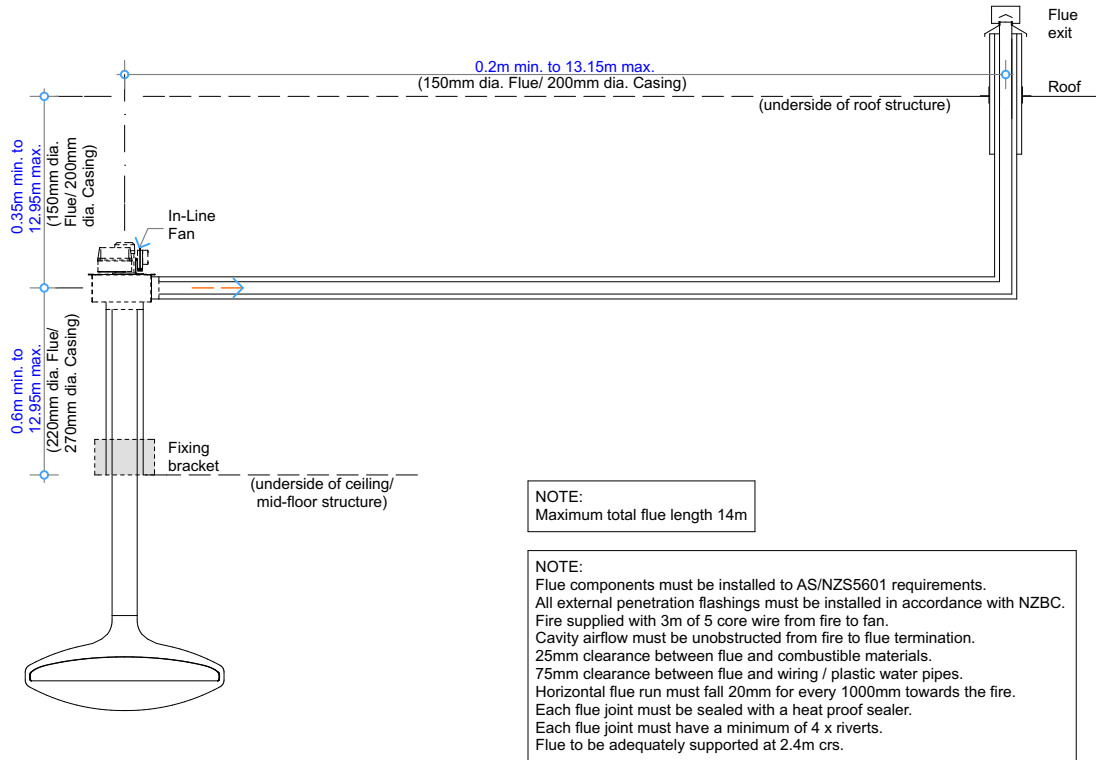


Horizontal Flue Combination GD7D

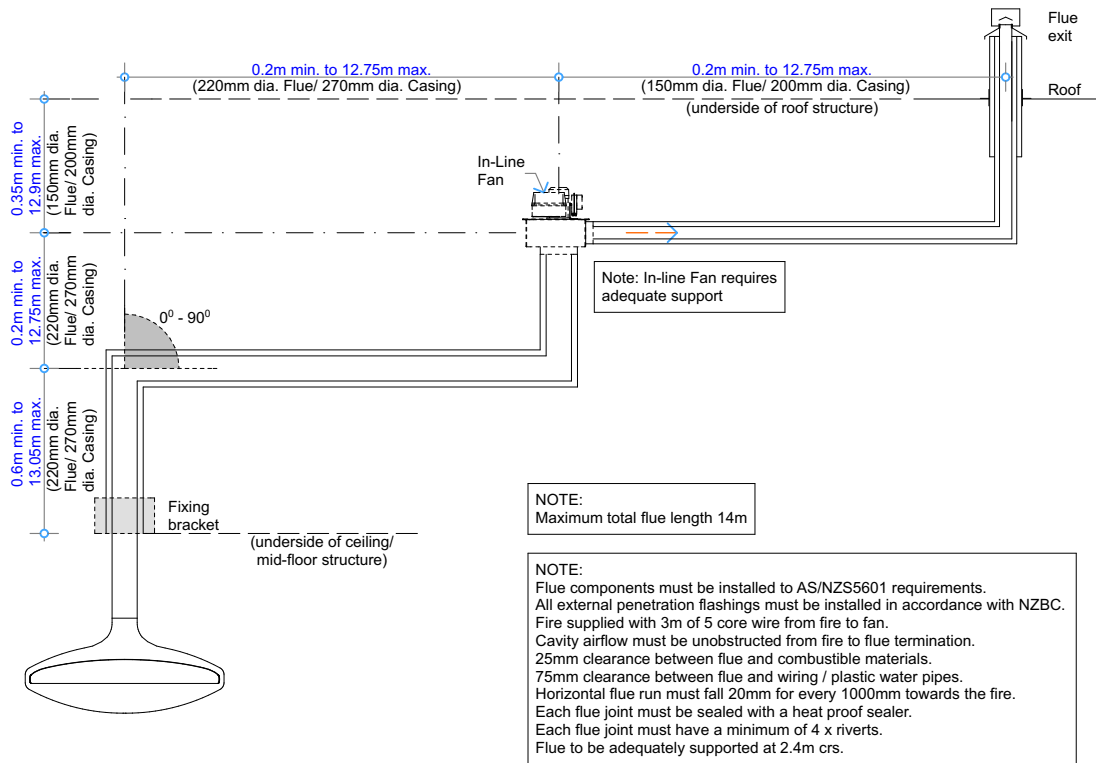


Horizontal Flue Combination GD7E

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	Product: GD7-1270			
	Title: HORIZONTAL FLUE COMBINATION OPTIONS			
	Drawn: SR	Date: 06/04/2018		
	Chkd: JW	Date: 06/04/2018		
Appd: JW	Date: 06/04/2018	Scale: on A4		
Drawing No.	GD7-1270-906		Sheet 06 of 08	Revision 5



Vertical Flue Combination GD7F



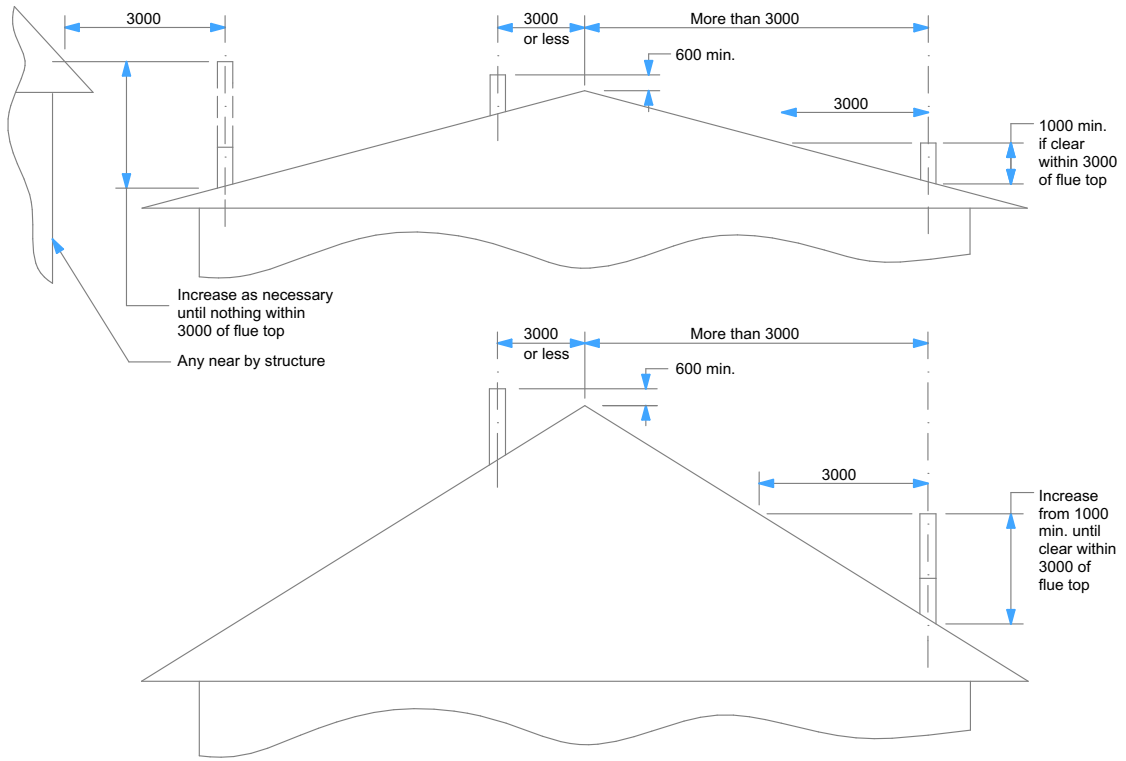
Vertical Flue Combination GD7G

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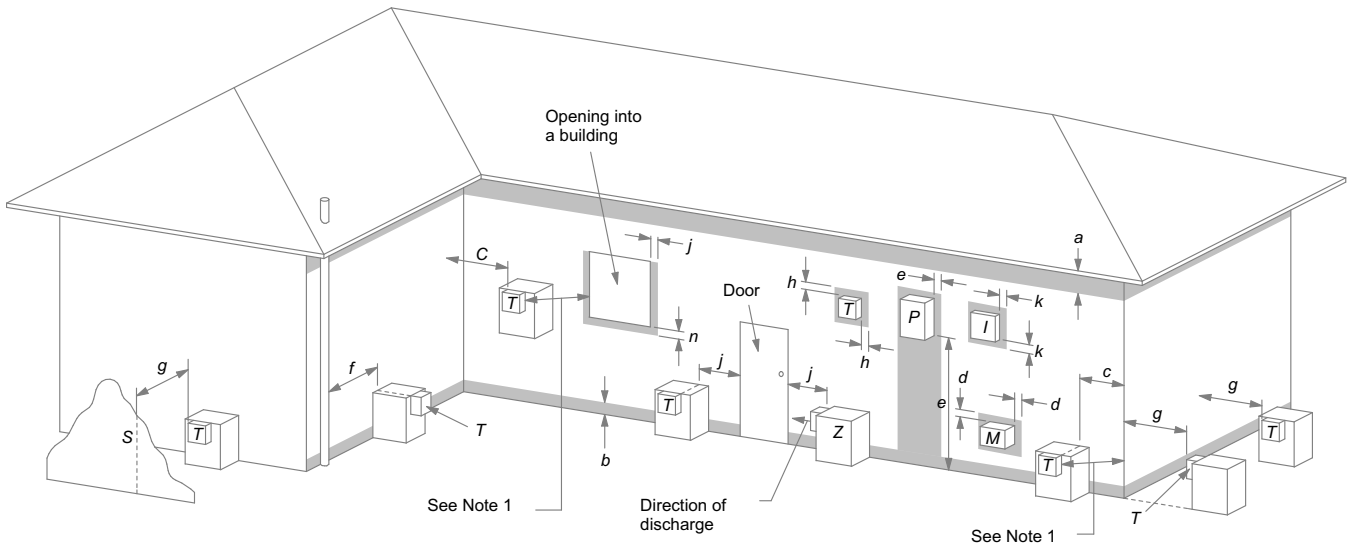
Client: THE FIRE DEPT.		
Product: GD7-1270		
Title: VERTICAL FLUE COMBINATION OPTIONS - WITH FAN		
Drawn: SR	Date: 06/04/2018	
Chkd: JW	Date: 06/04/2018	
Appd: JW	Date: 06/04/2018	
Scale: on A4		



Drawing No.	GD7-1270-907	Sheet 07 of 08	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: GD7-1270		
Title: FLUE EXIT CLEARANCES		
Drawn: SR	Date: 06/04/2018	
Chkd: JW	Date: 06/04/2018	
Appd: JW	Date: 06/04/2018	
Scale: on A4		



Drawing No.	GD7-1270-908	Sheet 08 of 08	Revision 5
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