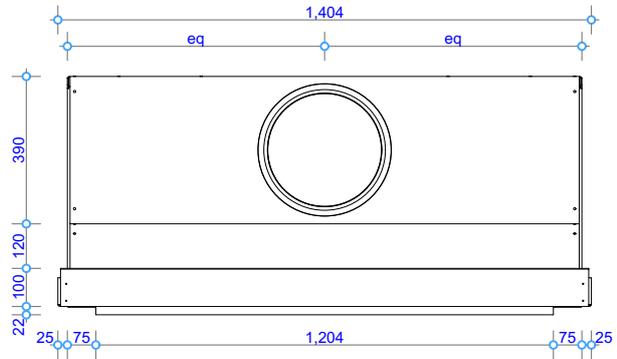




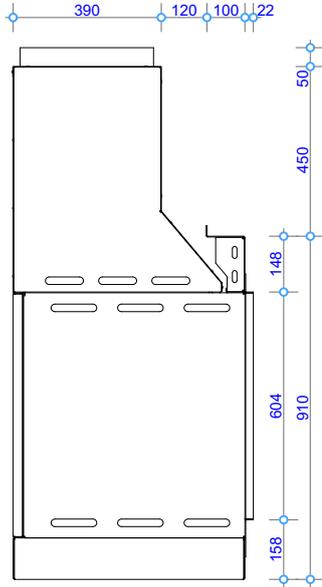
# **GD8 – 1200 Exposed Burner**

## **Specifications**

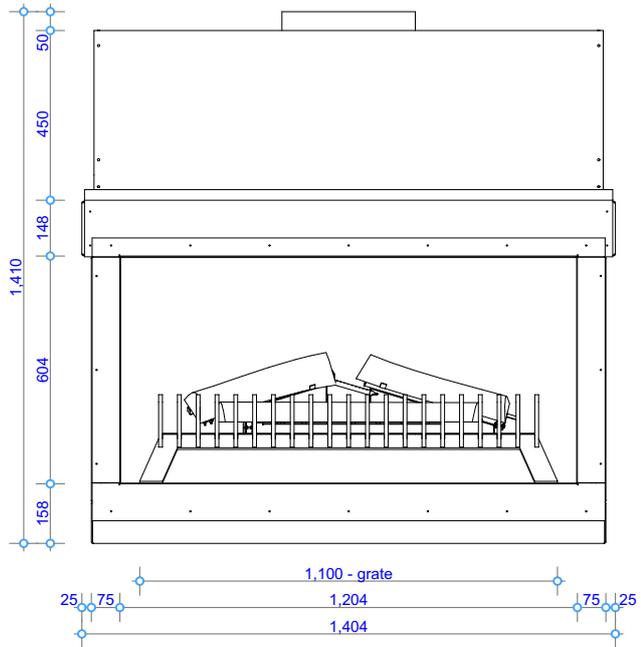
Information in this specification may be subject to change without notice. Please ensure you have the current version before beginning installation.



Plan View

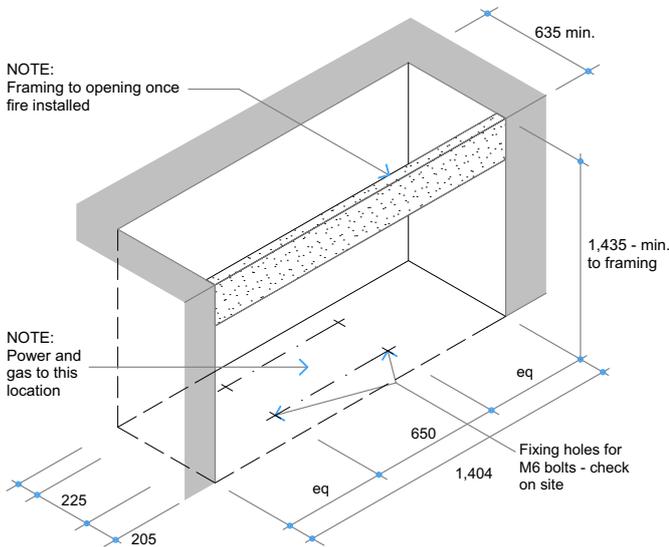


Side View



Front View

TOLERANCE = +/- 3mm



Fire Installation - Trim Sizes

NOTE: Confirm fixing holes on site prior to drilling

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Client: THE FIRE DEPT.

Product: GD8-1200-Exposed Burner

Title: FIREBOX DIMENSIONS

Drawn: SR

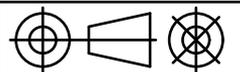
Date: 03/05/2018

Chkd: JW

Date: 03/05/2018

Appd: JW

Date: 03/05/2018



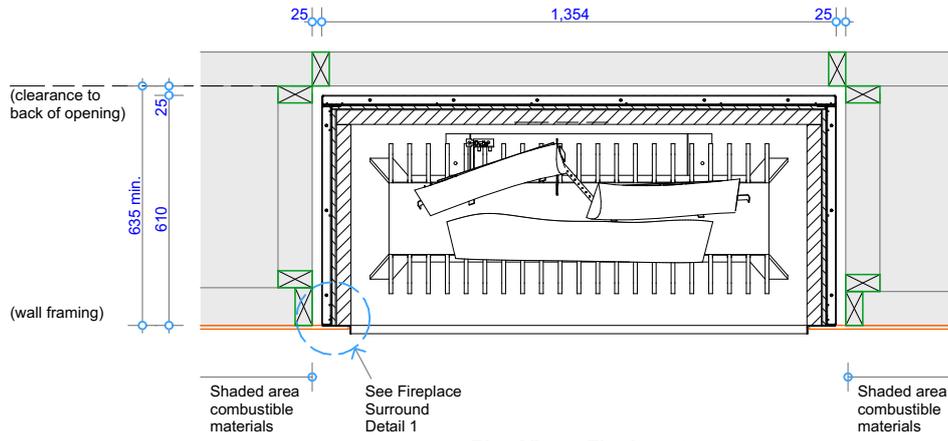
Scale: on A4

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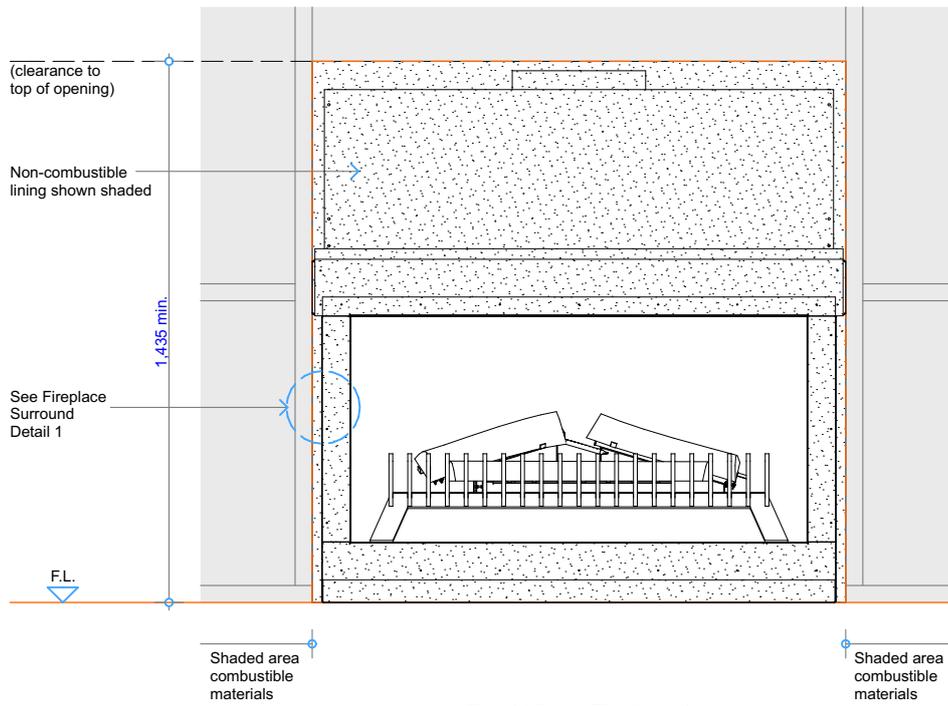
Drawing No. **GD8-1200-901EB**

Sheet 01 of 10

Revision **3**



Plan View - Fire Insert



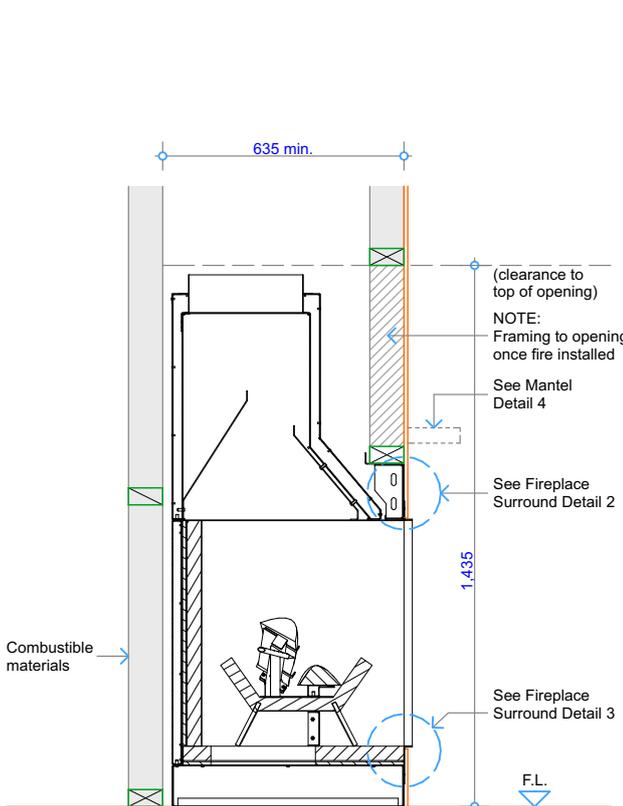
Front View - Fire Insert

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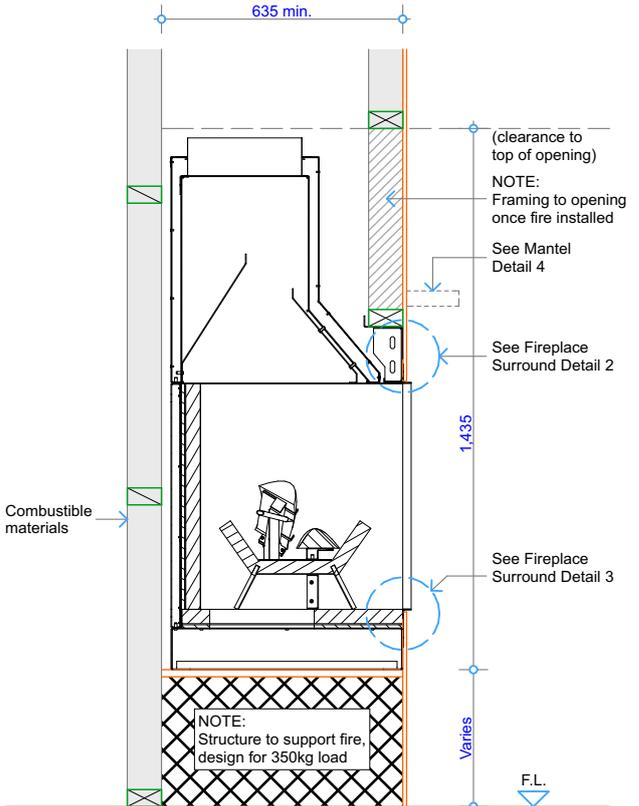
Client: THE FIRE DEPT.		
Product: GD8-1200-Exposed Burner		
Title: CAVITY CLEARANCES		
Drawn: SR	Date: 03/05/2018	
Chkd: JW	Date: 03/05/2018	
Appd: JW	Date: 03/05/2018	
Scale:		on A4



Drawing No.	<b>GD8-1200-902EB</b>	Sheet 02 of 10	Revision <span style="border: 1px solid black; padding: 2px;">3</span>
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**Cross Section - Fire Insert at Floor Level**



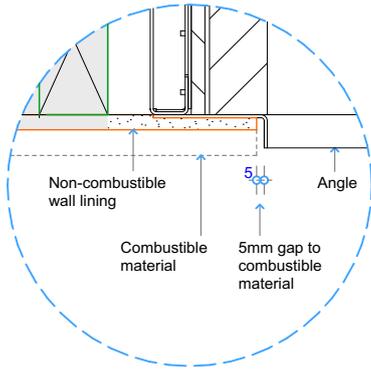
**Cross Section - Fire Insert at Floor Level**  
NOTE: Plinth height can vary to suit

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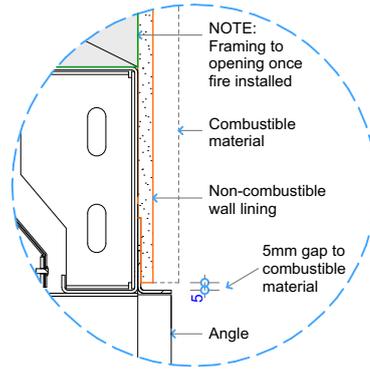
Client: THE FIRE DEPT.		
Product: GD8-1200-Exposed Burner		
Title: CAVITY CLEARANCES		
Drawn: SR	Date: 03/05/2018	
Chkd: JW	Date: 03/05/2018	
Appd: JW	Date: 03/05/2018	
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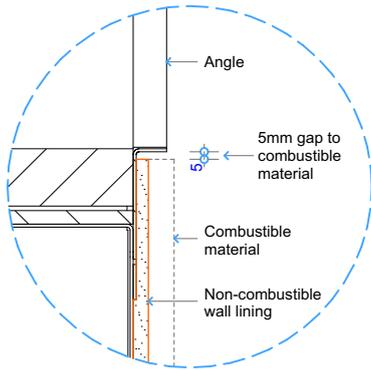
Drawing No.	<b>GD8-1200-903EB</b>	Sheet 03 of 10	Revision <span style="border: 1px solid black; padding: 2px;">3</span>
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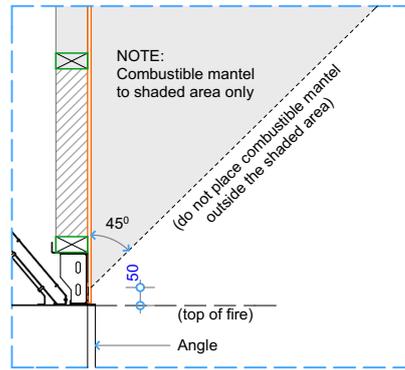
Detail 1 - Plan View Fire Surround



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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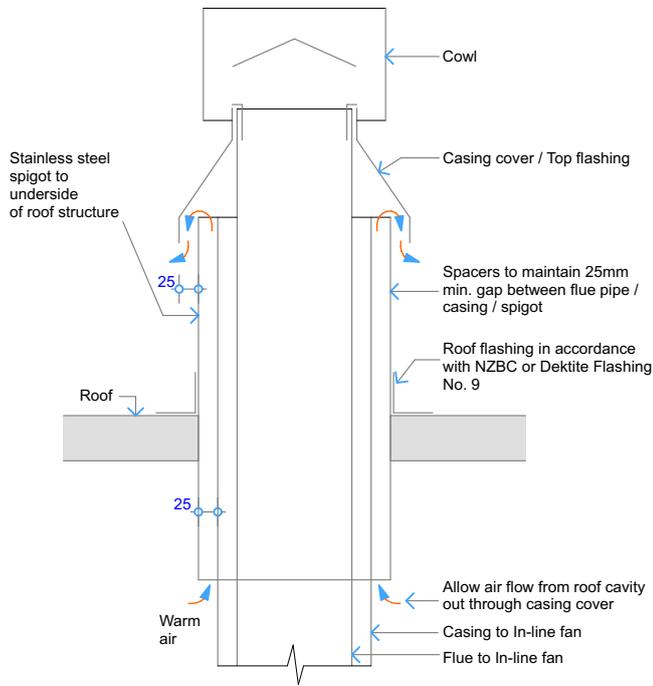
Client: THE FIRE DEPT.		
Product: GD8-1200-Exposed Burner		
Title: SURROUND DETAILS		
Drawn: SR	Date: 03/05/2018	
Chkd: JW	Date: 03/05/2018	
Appd: JW	Date: 03/05/2018	
Scale:		on A4



Drawing No. **GD8-1200-904EB**

Sheet 04 of 10

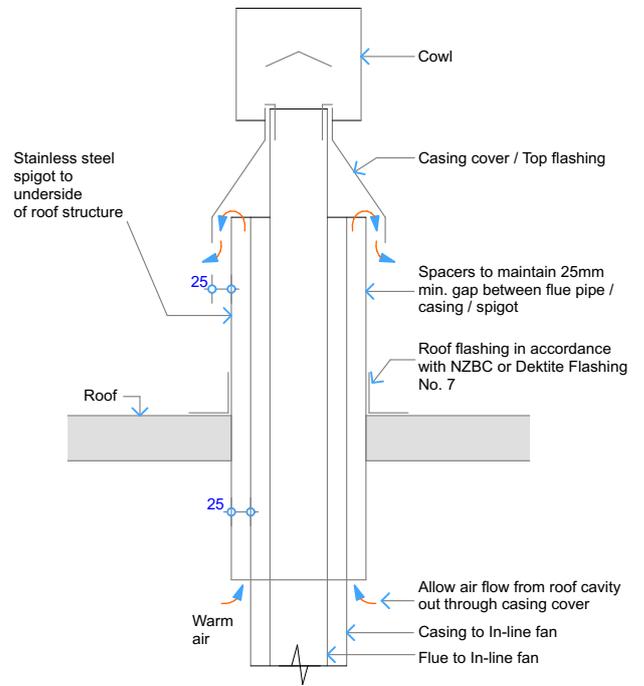
Revision 3



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

Flue components:  
 300mm dia. Flue  
 350mm dia. Casing  
 400mm dia. Spigot  
 Deklite Flashing No. 9

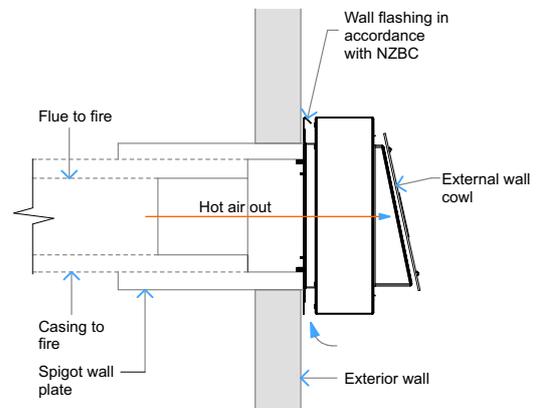
**NOTE:**  
 Flue components must be installed to AS/NZS5601 requirements.  
 All external penetration flashings must be installed in accordance with NZBC.  
 Fire supplied with 3m of 5 core wire from fire to fan.  
 Cavity airflow must be unobstructed from fire to flue termination.  
 25mm clearance 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 Casing cover/ Top flashing - With Fan**

Flue components (from Fire to Fan):  
 300mm dia. Flue  
 350mm dia. Casing  
 400mm dia. Spigot

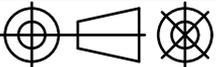
Flue components (from Fan to Flue Exit):  
 150mm dia. Flue  
 200mm dia. Casing  
 250mm dia. Spigot  
 Deklite Flashing No. 7



**Detail - Air Ventilation through Wall**

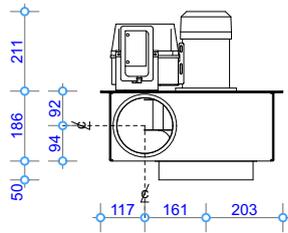
Flue components:  
 150mm dia. Flue  
 200mm dia. Casing  
 250mm dia. Spigot

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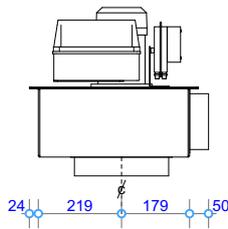
Client: THE FIRE DEPT.		
Product: GD8-1200-Exposed Burner		
Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS		
Drawn: SR	Date: 03/05/2018	
Chkd: JW	Date: 03/05/2018	
Appd: JW	Date: 03/05/2018	
Scale:		on A4



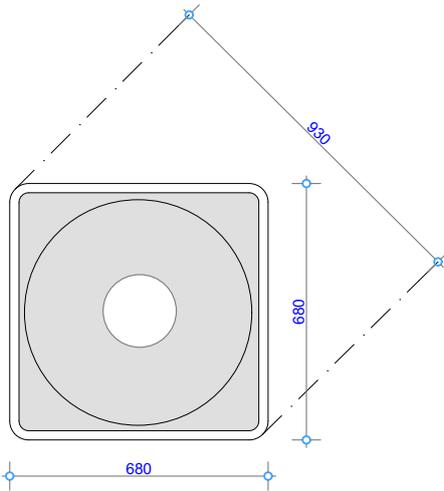
Drawing No.	<b>GD8-1200-905EB</b>	Sheet 05 of 10	Revision <span style="border: 1px solid black; padding: 2px;">3</span>
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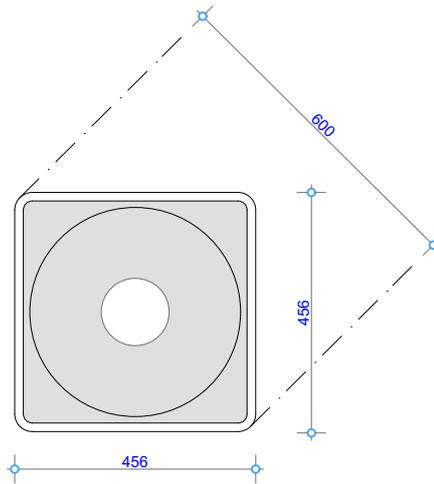
**Detail - In-Line Fan - Front view**  
NOTE: Requires access hatch for maintenance



**Side view**



**Dektite Flashing No. 9 - Plan View**



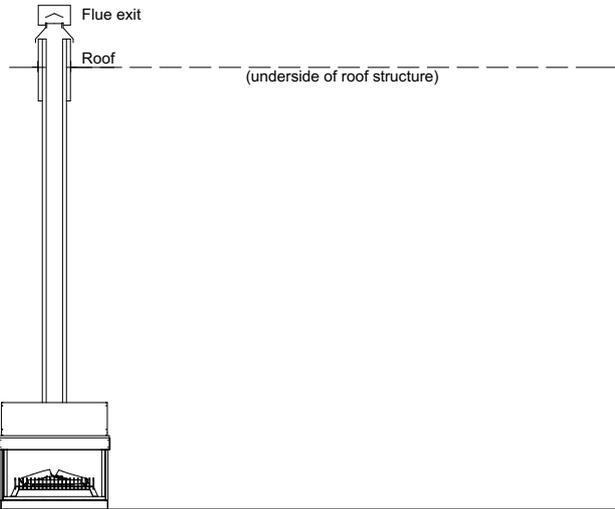
**Dektite Flashing No. 7 - Plan View**

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Client: THE FIRE DEPT.		
Product: GD8-1200-Exposed Burner		
Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS		
Drawn: SR	Date: 03/05/2018	
Chkd: JW	Date: 03/05/2018	
Appd: JW	Date: 03/05/2018	
Scale:	on A4	

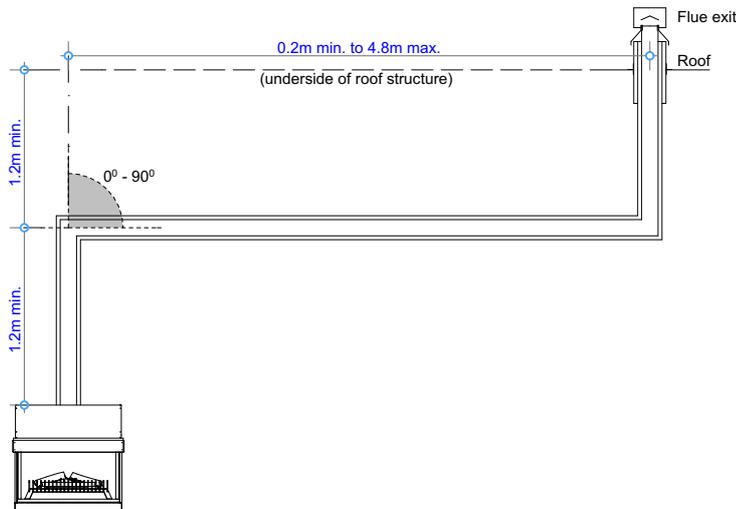


Drawing No.	<b>GD8-1200-906EB</b>	Sheet 06 of 10	Revision <span style="border: 1px solid black; padding: 2px;">3</span>
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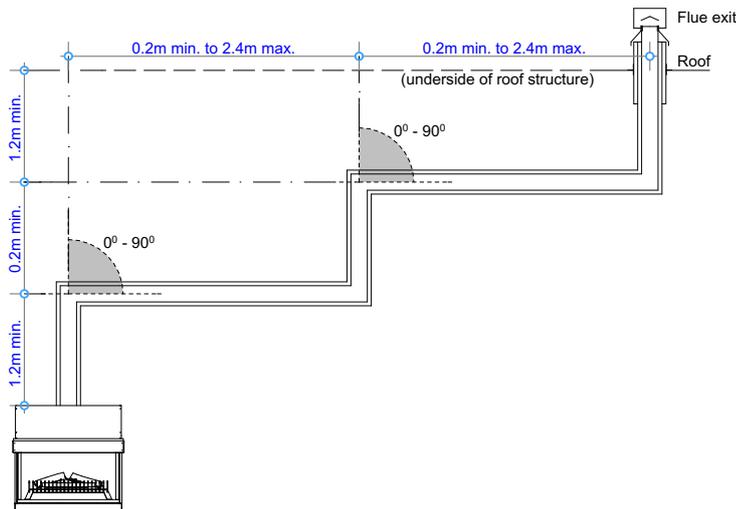
Vertical Flue Combination GD8A

**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 rivets.  
 Flue to be adequately supported at 2.4m crs.



Vertical Flue Combination GD8B

**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 rivets.  
 Flue to be adequately supported at 2.4m crs.



Vertical Flue Combination GD8C

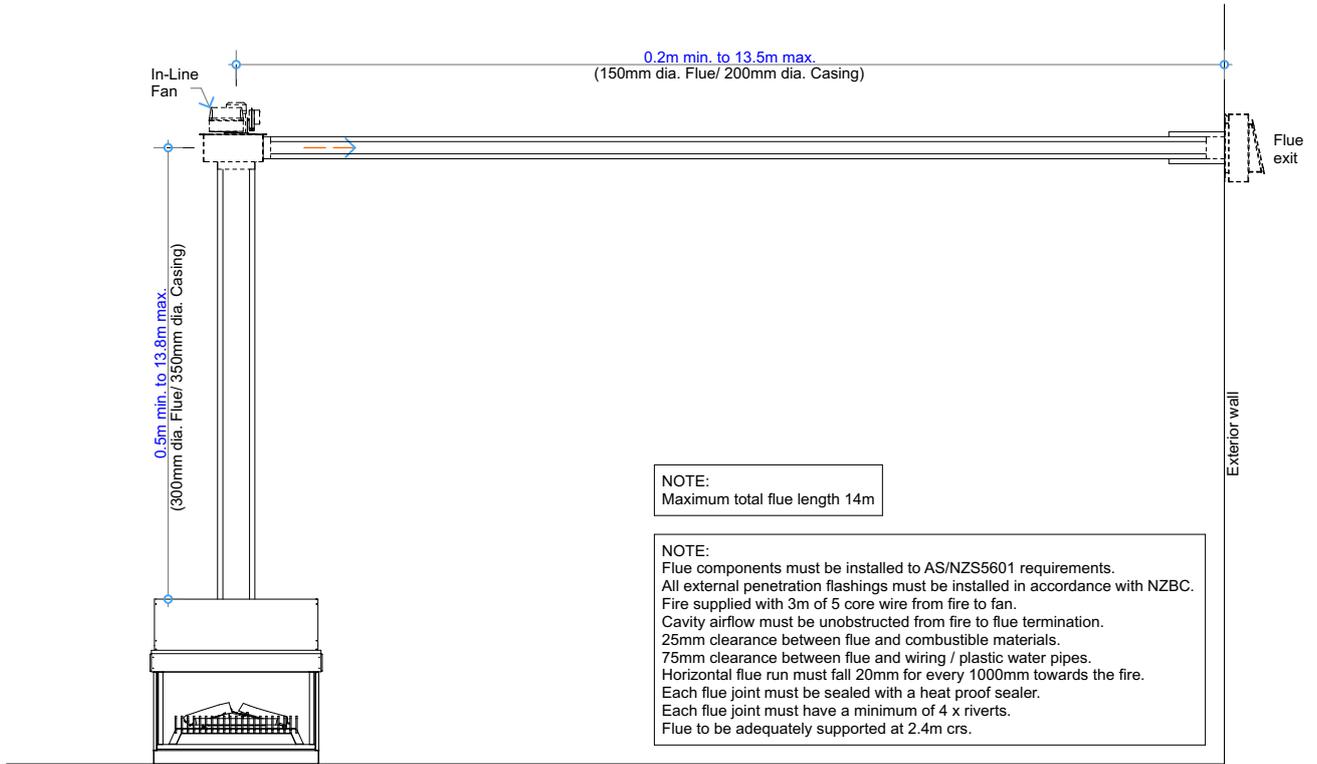
**NOTE:**  
 Flue components must be installed to AS/NZS5601 requirements.  
 All external penetration flashings must be installed in accordance with NZBC.  
 Cavity airflow must be unobstructed from fire to flue termination.  
 25mm clearance between flue and combustible materials.  
 75mm clearance 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 rivets.  
 Flue to be adequately supported at 2.4m crs.

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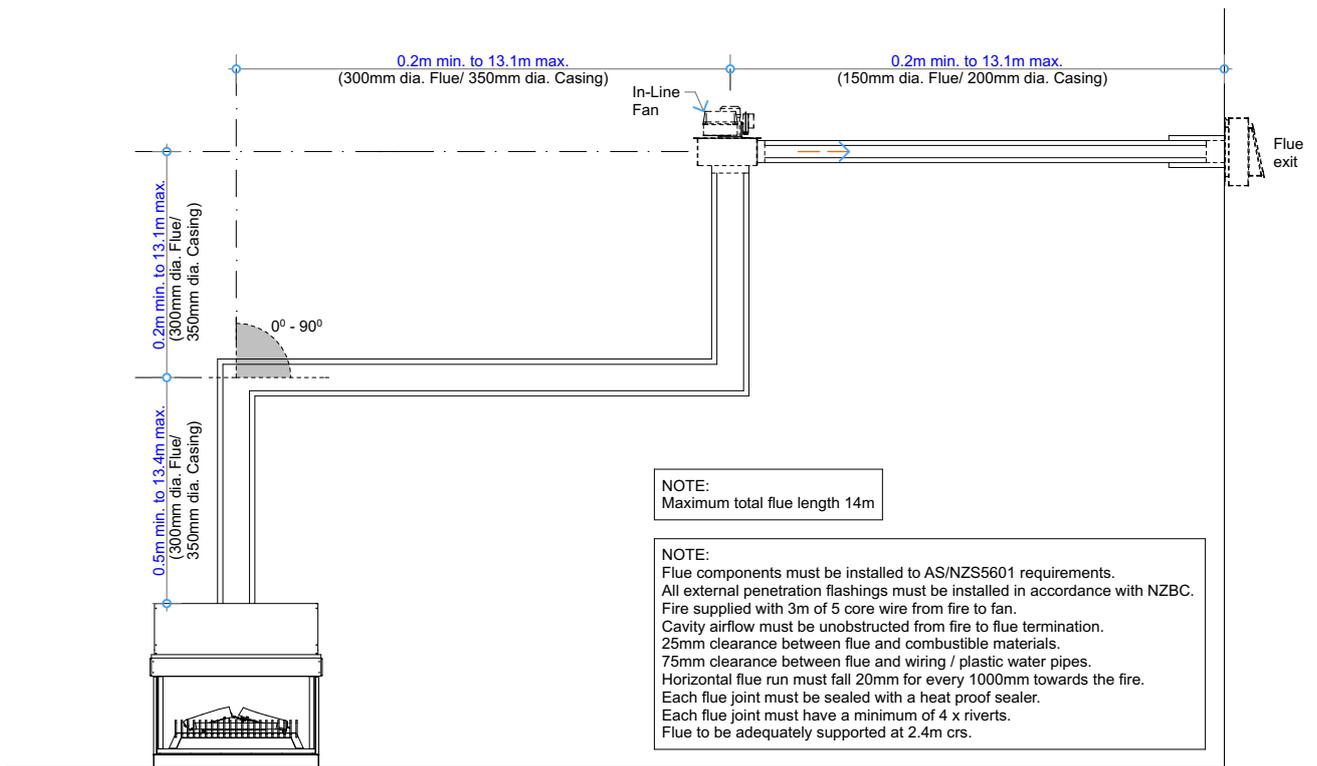
Client: THE FIRE DEPT.		
Product: GD8-1200-Exposed Burner		
Title: VERTICAL FLUE COMBINATION OPTIONS - WITHOUT FAN		
Drawn: SR	Date: 03/05/2018	
Chkd: JW	Date: 03/05/2018	
Appd: JW	Date: 03/05/2018	
Scale:		on A4



Drawing No.	<b>GD8-1200-907EB</b>	Sheet 07 of 10	Revision <span style="border: 1px solid black; padding: 2px;">3</span>
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**Horizontal Flue Combination GD8D**



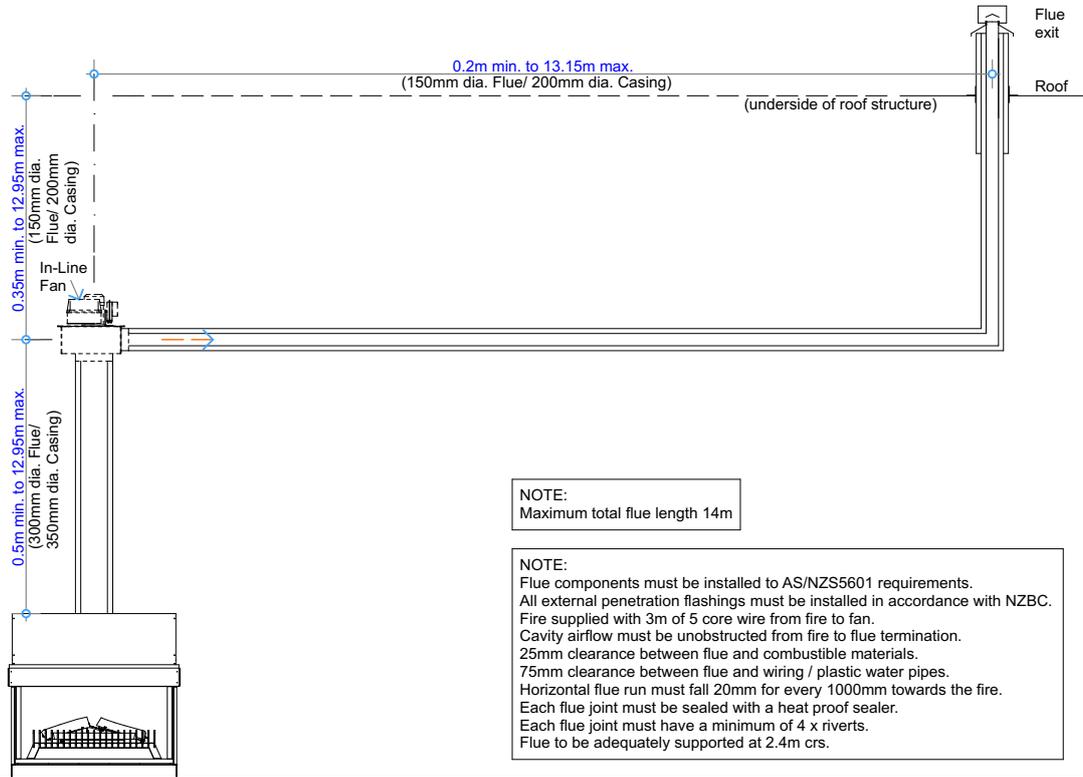
**Horizontal Flue Combination GD8E**

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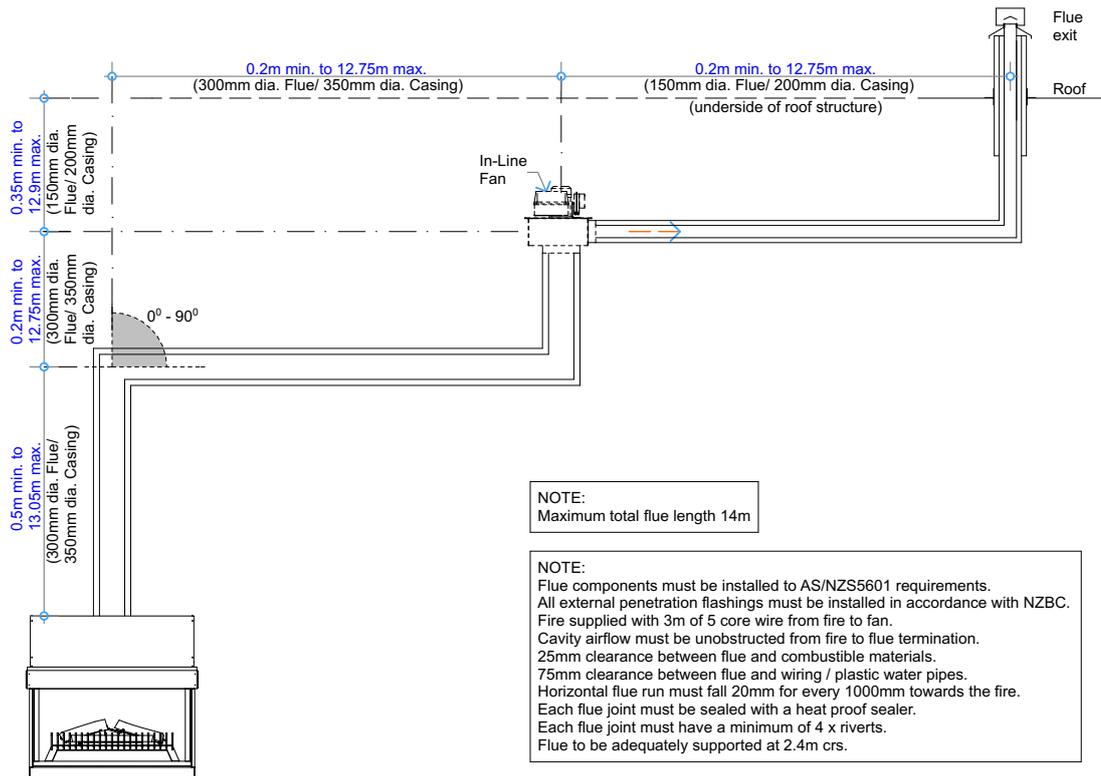
Client: THE FIRE DEPT.		
Product: GD8-1200-Exposed Burner		
Title: HORIZONTAL FLUE COMBINATION OPTIONS		
Drawn: SR	Date: 03/05/2018	
Chkd: JW	Date: 03/05/2018	
Appd: JW	Date: 03/05/2018	
Scale:		on A4



Drawing No.	<b>GD8-1200-908EB</b>	Sheet 08 of 10	Revision <span style="border: 1px solid black; padding: 2px;">3</span>
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Vertical Flue Combination GD8F



Vertical Flue Combination GD8G

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Client: THE FIRE DEPT.

Product: GD8-1200-Exposed Burner

Title: VERTICAL FLUE COMBINATION OPTIONS - WITH FAN

Drawn: SR

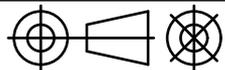
Date: 03/05/2018

Chkd: JW

Date: 03/05/2018

Appd: JW

Date: 03/05/2018



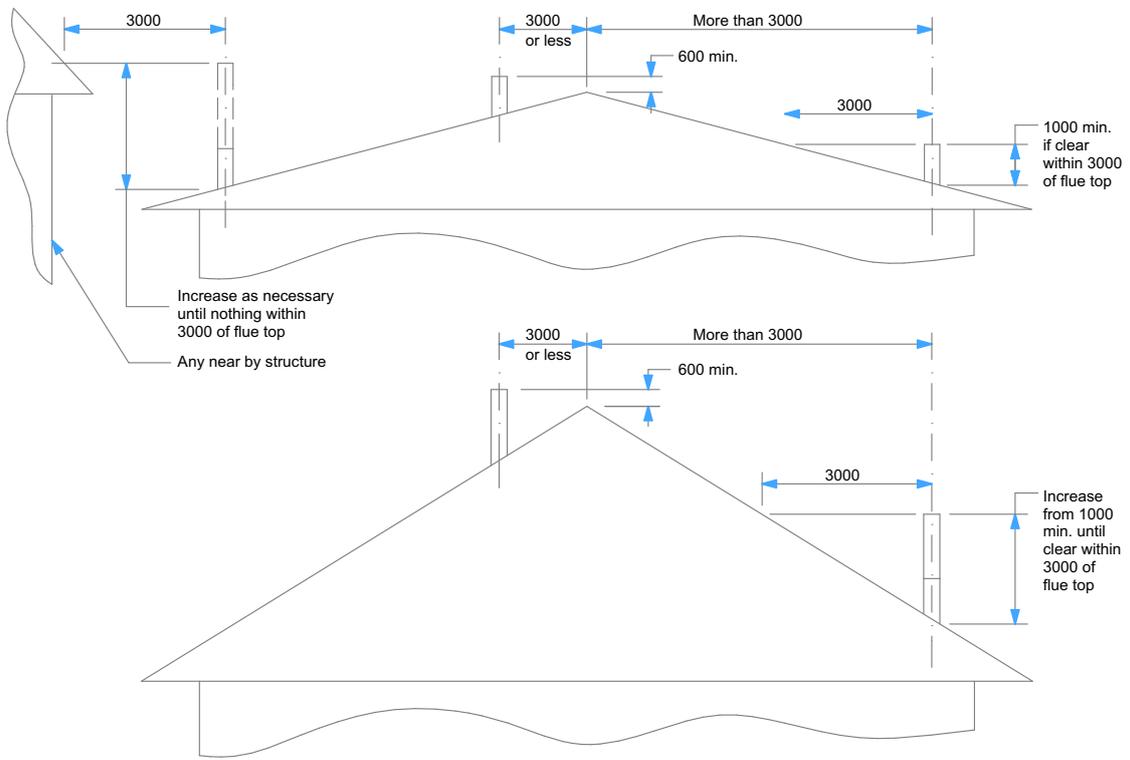
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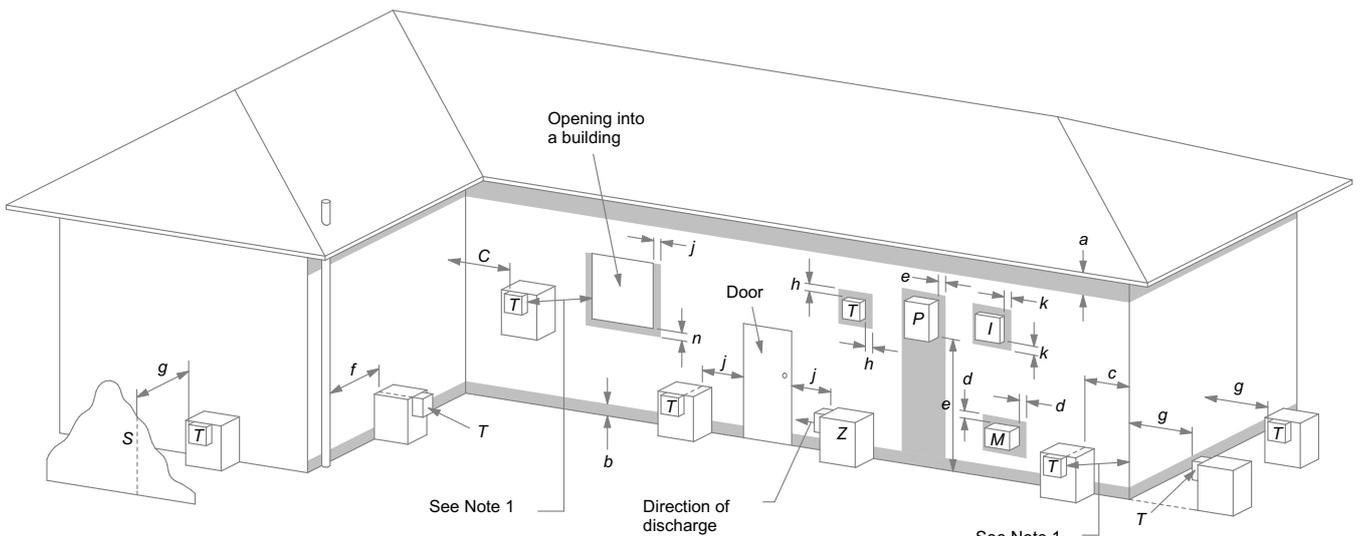
Drawing No. **GD8-1200-909EB**

Sheet 09 of 10

Revision **3**



**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: GD8-1200-Exposed Burner		
Title: FLUE EXIT CLEARANCES		
Drawn: SR	Date: 03/05/2018	
Chkd: JW	Date: 03/05/2018	
Appd: JW	Date: 03/05/2018	
Scale:		on A4



Drawing No.	<b>GD8-1200-910EB</b>	Sheet 10 of 10	Revision <span style="border: 1px solid black; padding: 2px;">3</span>
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