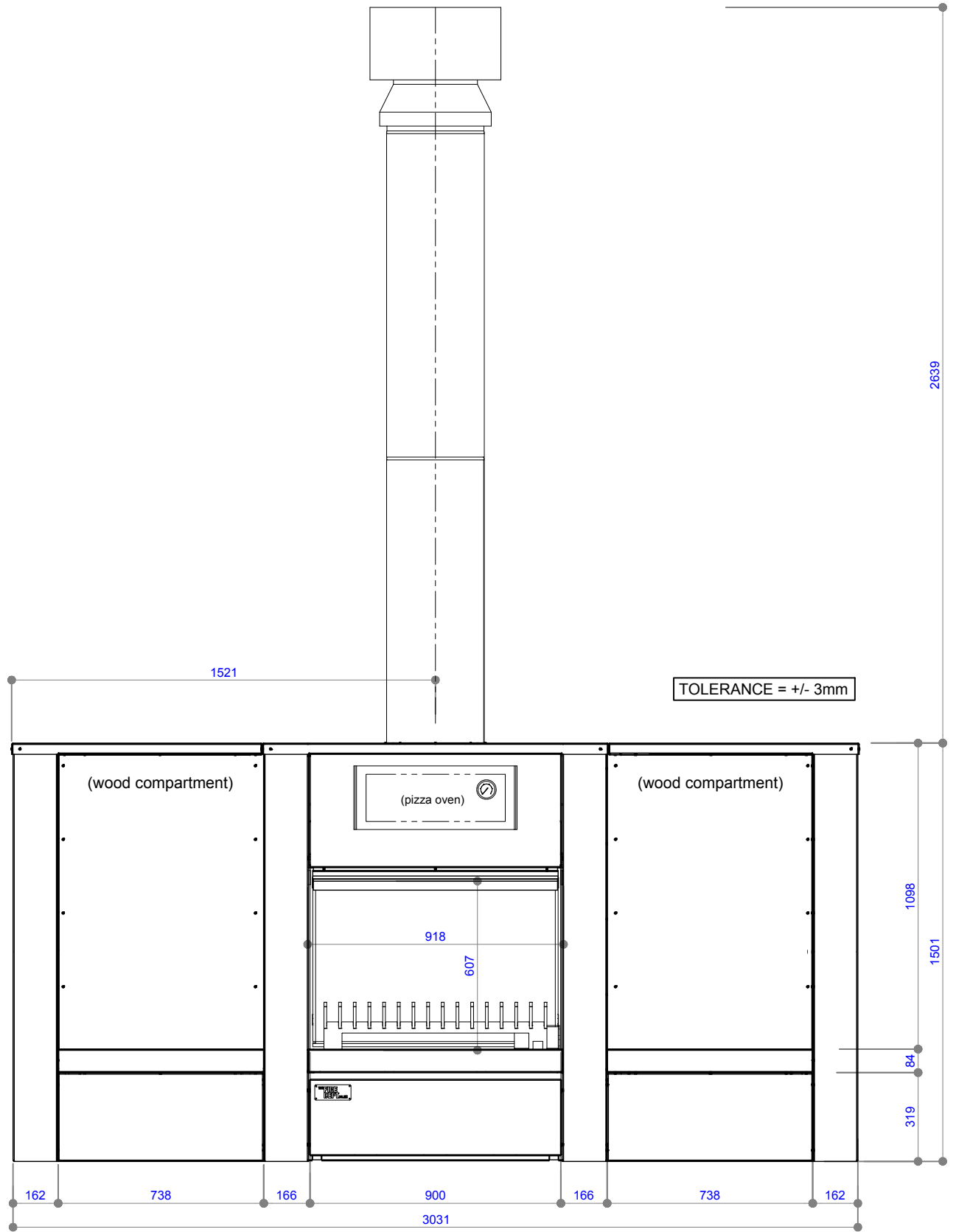




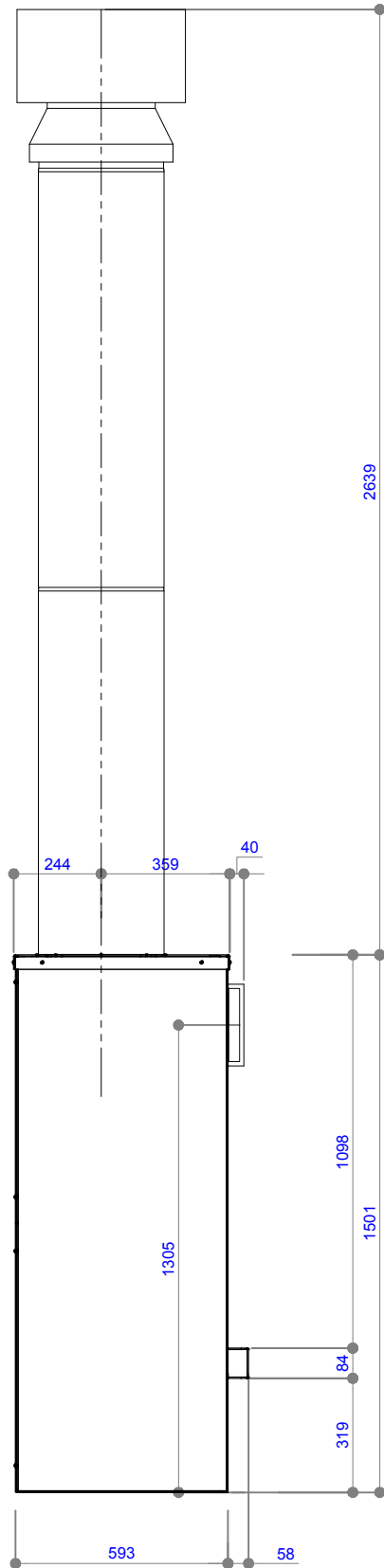
**WD56 | 900
SPECIFICATIONS**



Front View

NOTE: Confirm fixing holes and access on site prior to drilling.

<p style="writing-mode: vertical-rl; transform: rotate(180deg);"> COPYRIGHT© THIS DRAWING IS THE PROPERTY OF The Fire Dept. </p>	Client: THE FIRE DEPT.			
	Product: WD56			
	Title: FIREPLACE DIMENSIONS			
	Drawn: JG	Date: 01/11/2021		
	Chkd: LB	Date: 01/11/2021		
Appd: JW	Date: 01/11/2021			
Scale: on A4				
Drawing No. WD56-900-901	Sheet 01 of 08	Revision 2		



TOLERANCE = +/- 3mm

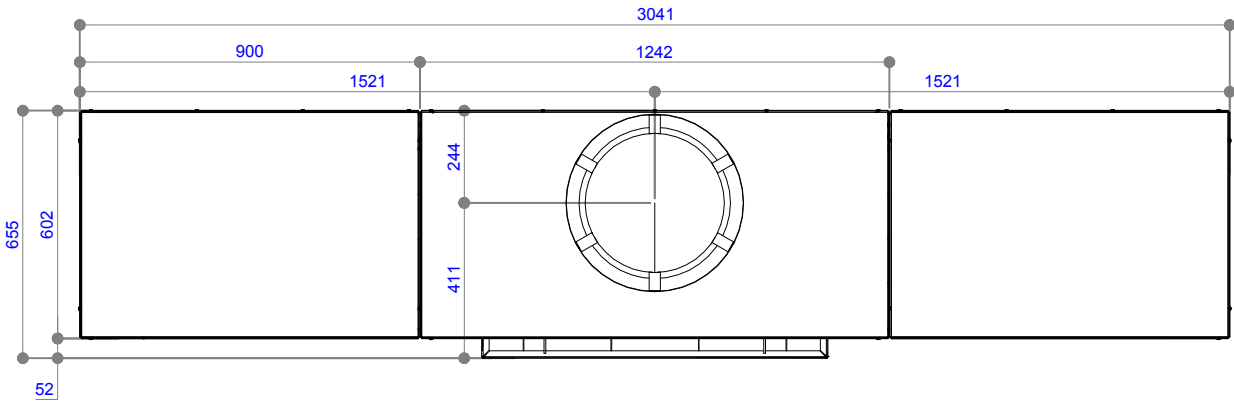
Side View

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Client: THE FIRE DEPT.		
Product: WD56		
Title: FIREPLACE DIMENSIONS		
Drawn: JG	Date: 01/11/2021	
Chkd: LB	Date: 01/11/2021	
Appd: JW	Date: 01/11/2021	
Scale:		on A4

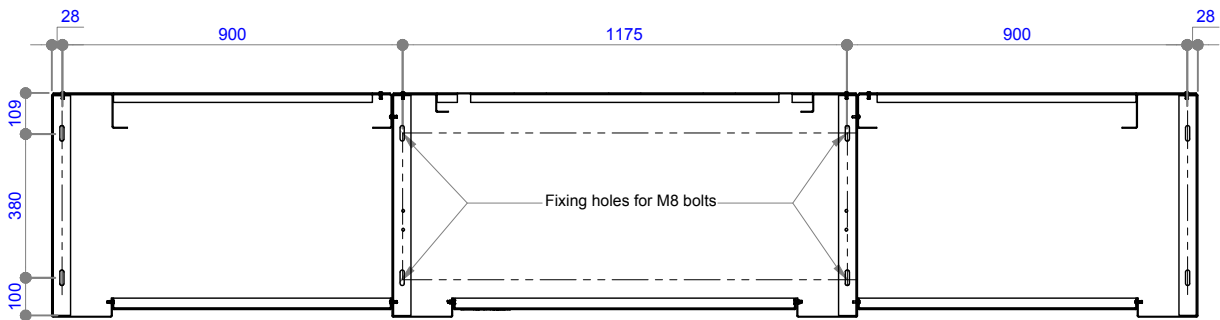
THE
**FIRE
 DEPT.**
 HAND CRAFTED FIRES

Drawing No.	WD56-900-901	Sheet 02 of 08	Revision	2
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Plan View

TOLERANCE = +/- 3mm



Fixing Set-out - Plan View

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Product: WD56

Title: FIREPLACE DIMENSIONS

Drawn: JG

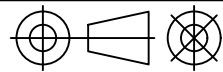
Date: 01/11/2021

Chkd: LB

Date: 01/11/2021

Appd: JW

Date: 01/11/2021



Scale: on A4

THE FIRE DEPT.
HAND CRAFTED FIRES

Drawing No. **WD56-900-901**

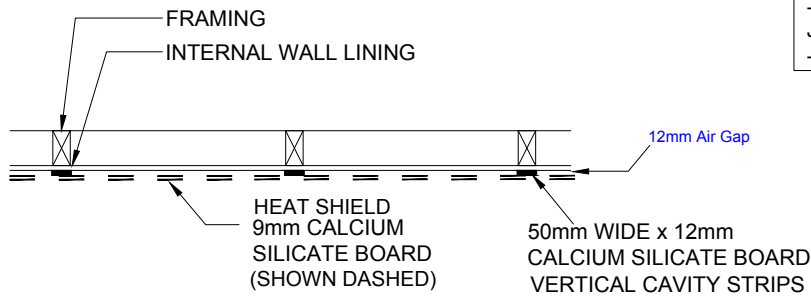
Sheet 03 of 08

Revision

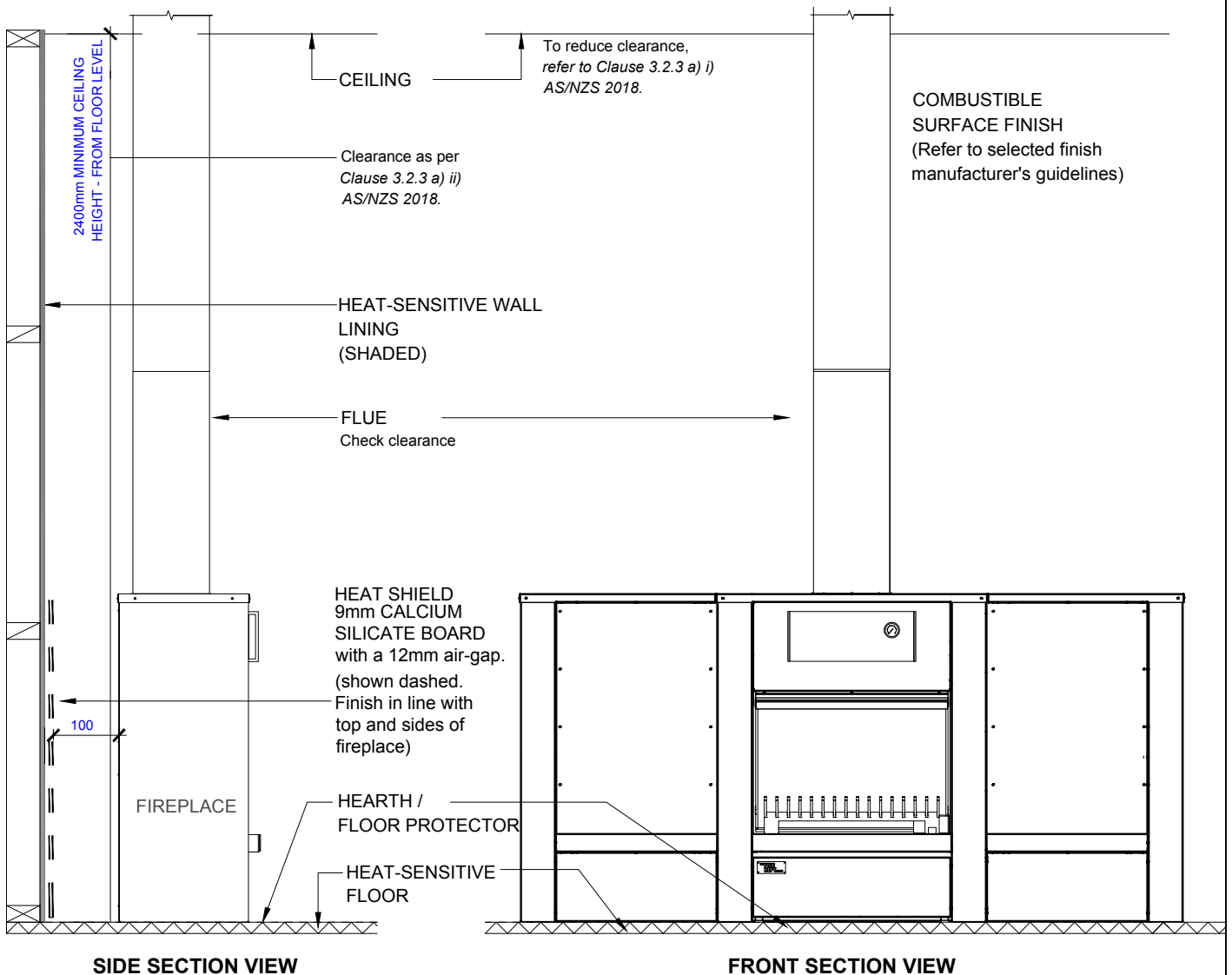
2

Note: Reduced clearances are measured from the outer face to the fireplace to the Calcium Silicate Board
Ventilation air gaps at the top and bottom of the Heat Shield must be provided and must not be closed or blocked off.

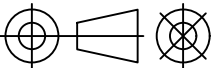
NOTES:
NO NOTCHING HEAT SHIELD PANELS
FIXING:
- EDGE FIXING DISTANCE 12mm.
- CORNER FIXING DISTANCE 50mm
- ACHIEVE 200mm CENTRE FIXINGS TO ALL FRAMING JOINTS:
- 2mm BUTT JOINT PANELS



Heat Shield requirements to reduce clearances.
Refer Sheet 2 - 'Shielded' measurements



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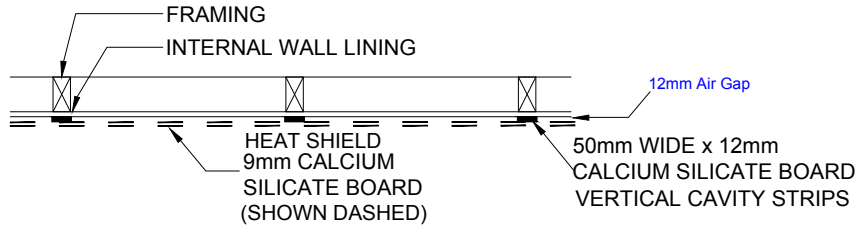
Client: THE FIRE DEPT.		
Product: WD56		
Title: REQUIREMENTS TO REDUCE CLEARANCES		
Drawn: JG	Date: 01/11/2021	
Chkd: LB	Date: 01/11/2021	
Appd: JW	Date: 01/11/2021	
Scale: on A4		



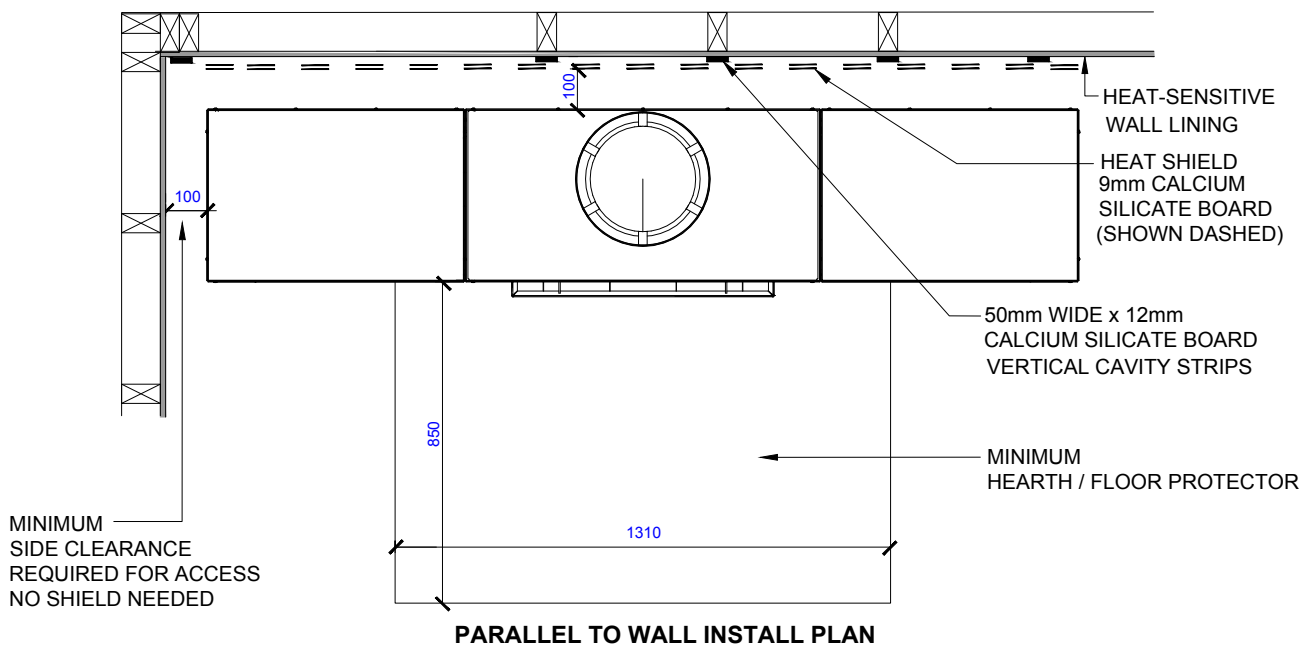
Drawing No.	WD56-900-901	Sheet 04 of 08	Revision 2
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Note: Reduced clearances are measured from the outer face to the fireplace to the Calcium Silicate Board
Ventilation air gaps at the top and bottom of the Heat Shield must be provided and must not be closed or blocked off.

NOTES:
NO NOTCHING HEAT SHIELD PANELS
 FIXING:
 - EDGE FIXING DISTANCE 12mm.
 - CORNER FIXING DISTANCE 50mm
 - ACHIEVE 200mm CENTRE FIXINGS TO ALL FRAMING.
 JOINTS:
 - 2mm BUTT JOINT PANELS



Heat Shield requirements to reduce clearances.
 Refer Sheet 2 - 'Shielded' measurements

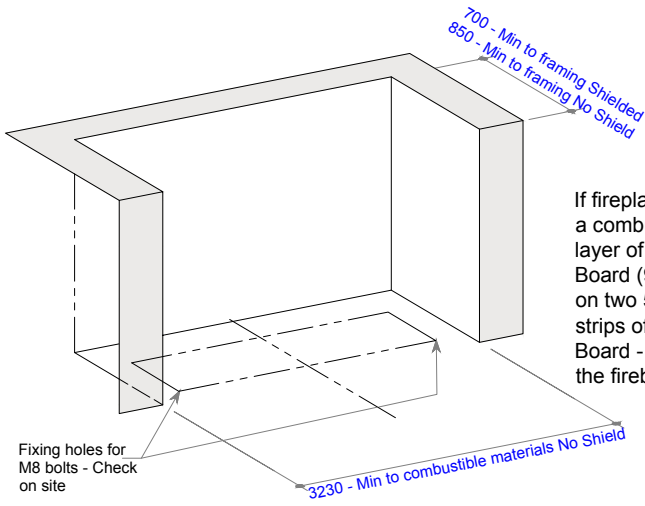


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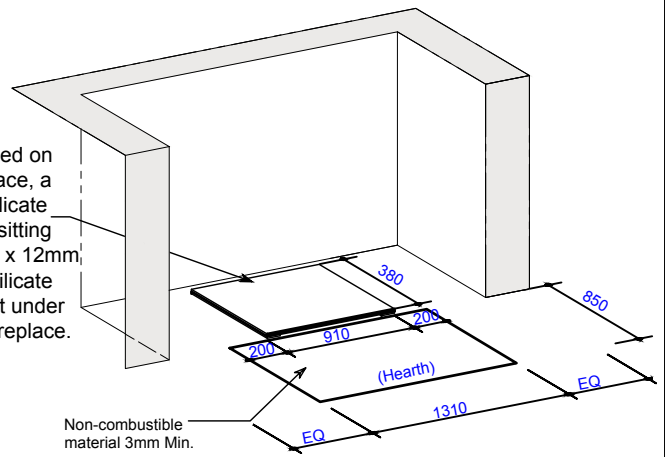
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Product: WD56		
Title: REQUIREMENTS TO REDUCE CLEARANCES		
Drawn: JG	Date: 01/11/2021	
Chkd: LB	Date: 01/11/2021	
Appd: JW	Date: 01/11/2021	
Scale:		on A4



Drawing No.	WD56-900-901	Sheet 05 of 08	Revision	2
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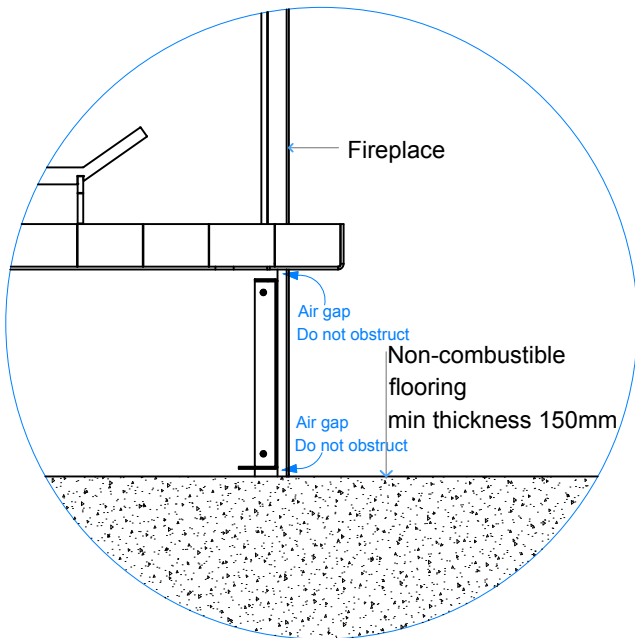


If fireplace is installed on a combustible surface, a layer of Calcium Silicate Board (9mm Min), sitting on two 50mm wide x 12mm strips of Calcium Silicate Board - needs to sit under the firebox of the fireplace.

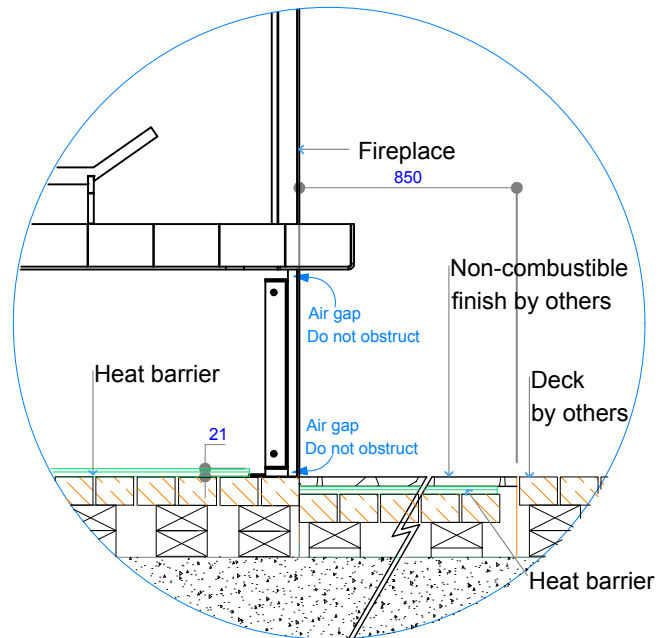


NOTE: Hearth does not need to extend past the sides of the fireplace opening, but needs to extend 850mm from the front of fire opening

NOTE: Confirm fixing holes and access on site prior to drilling.



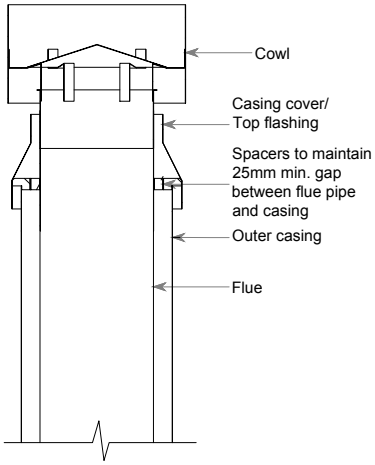
Detail 1 - Non-combustible flooring
Cross Section Fireplace hearth - Opt. 1



Detail 2 - Combustible flooring Cross Section
Fireplace hearth - Opt. 2

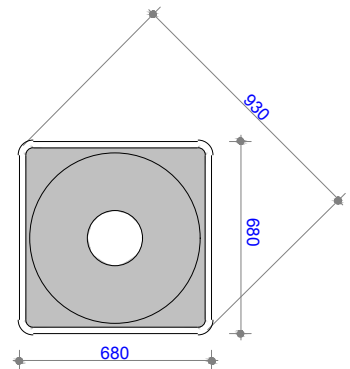
NOTE: Confirm fixing holes and access on site prior to drilling.

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	Product: WD56				
	Title: CAVITY CLEARANCES and HEARTH DETAILS				
	Drawn: JG	Date: 01/11/2021			
	Chkd: LB	Date: 01/11/2021			
Appd: JW	Date: 01/11/2021				
Drawing No.	WD56-900-901	Sheet	06 of 08	Revision	2



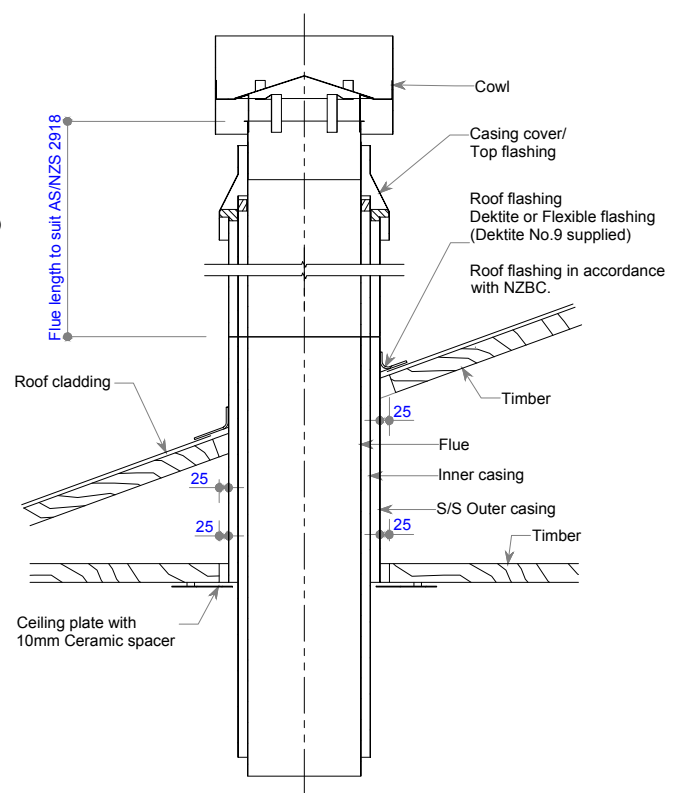
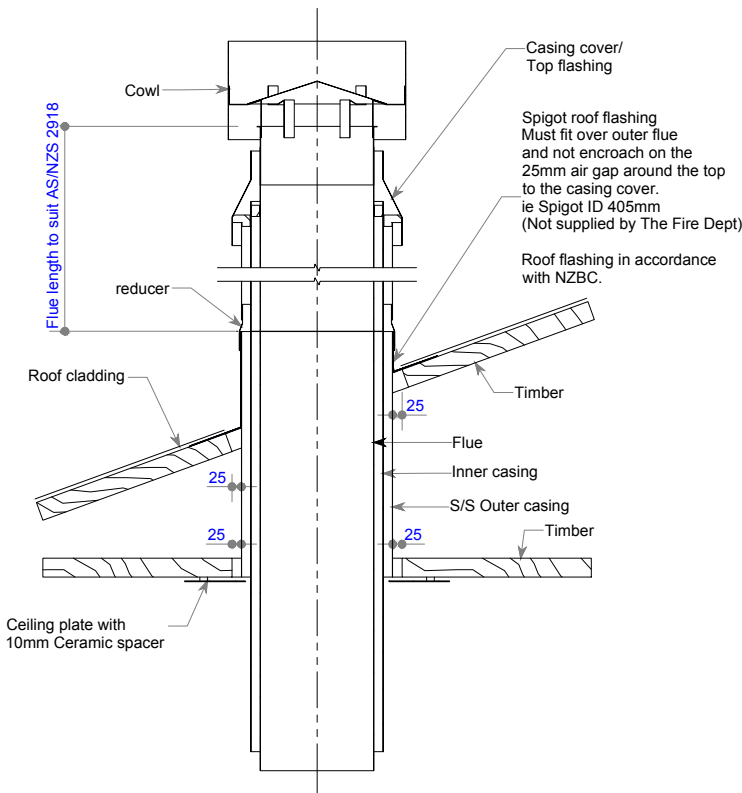
Flue components:
400mm dia. Flue
450mm dia. S/S Outer casing

NOTE:
Flue components must be installed to AS/NZS2918:2001 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Cavity airflow must be unobstructed from fire box to flue termination.
75mm clearance between flue and combustible materials.
125mm 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 Stainless Steel rivets.



Dekтите Flashing No. 9 - Plan View

Option 1 - Free standing fireplace flue detail - Air Ventilation through Casing cover / Top flashing



Option 2 - Roof penetration flue detail - (Spigot) Air Ventilation through Casing cover / Top flashing

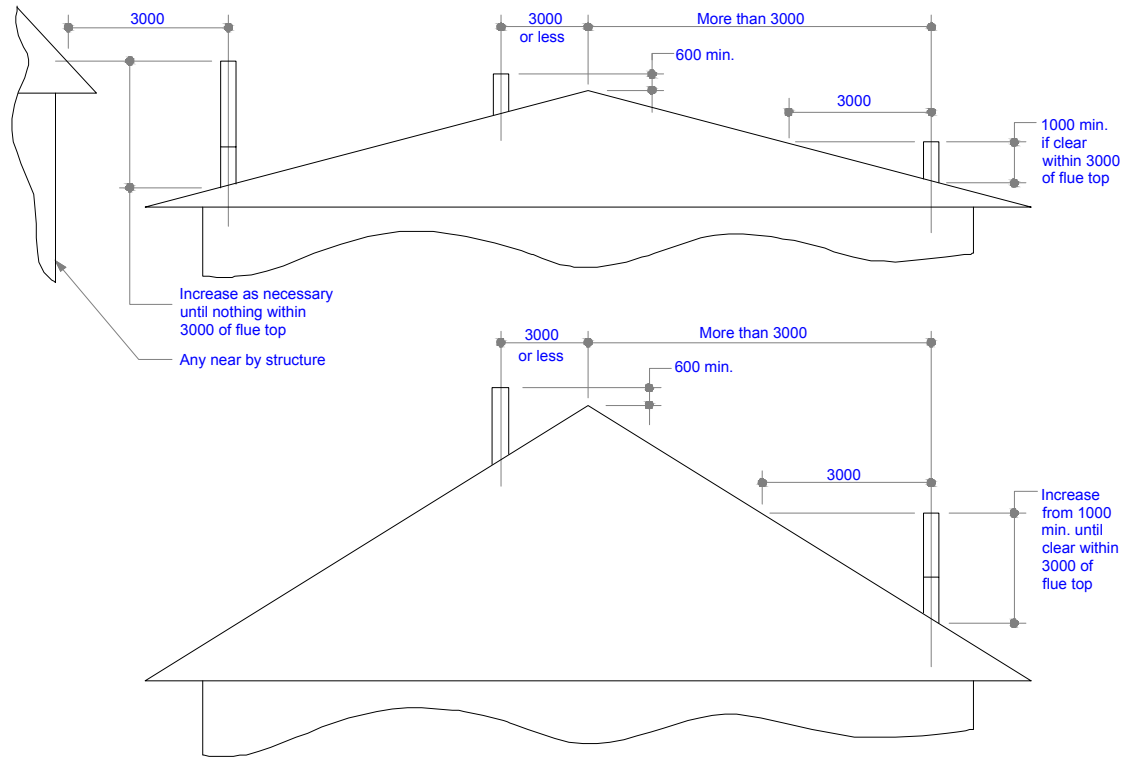
Option 3 - Roof penetration flue detail - (Dekтите / Flashing) Air Ventilation through Casing cover / Top flashing

Flue components:
400mm dia. Flue
450mm dia. Inner casing
500mm dia. S/S Outer casing
510mm dia ID to 495mm dia OD reducer

NOTE:
Flue components must be installed to AS/NZS2918:2001 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Cavity airflow must be unobstructed from fire box 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 Stainless Steel rivets.
Flue to be adequately supported at 2m crs.
Roof Penetrations: Flue pipe to extend not less than 4.6mm above the top of the floor protector, excluding cowl height.

Flue components:
400mm dia. Flue
450mm dia. Inner casing
500mm dia. S/S Outer casing
Dekтите No.9 (supplied by others)

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	Product: WD56			
	Title: FLUE EXIT DETAILS			
	Drawn: JG	Date: 01/11/2021		
	Chkd: LB	Date: 01/11/2021		
Appd: JW	Date: 01/11/2021	Scale: on A4		
Drawing No.	WD56-900-901		Sheet 07 of 08	Revision 2



Minimum Height of Flue System Exit
Or as per AS/NZS 2918:2001

Note - Roof Penetrations: Flue pipe to extend not less than 4.6mm above the top of the floor protector, excluding cowl height.

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Product: WD56		
Title: VERTICAL FLUE EXIT DETAILS		
Drawn: JG	Date: 01/11/2021	
Chkd: LB	Date: 01/11/2021	
Appd: JW	Date: 01/11/2021	
Scale:		on A4



Drawing No.	WD56-900-901	Sheet 08 of 08	Revision 2
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