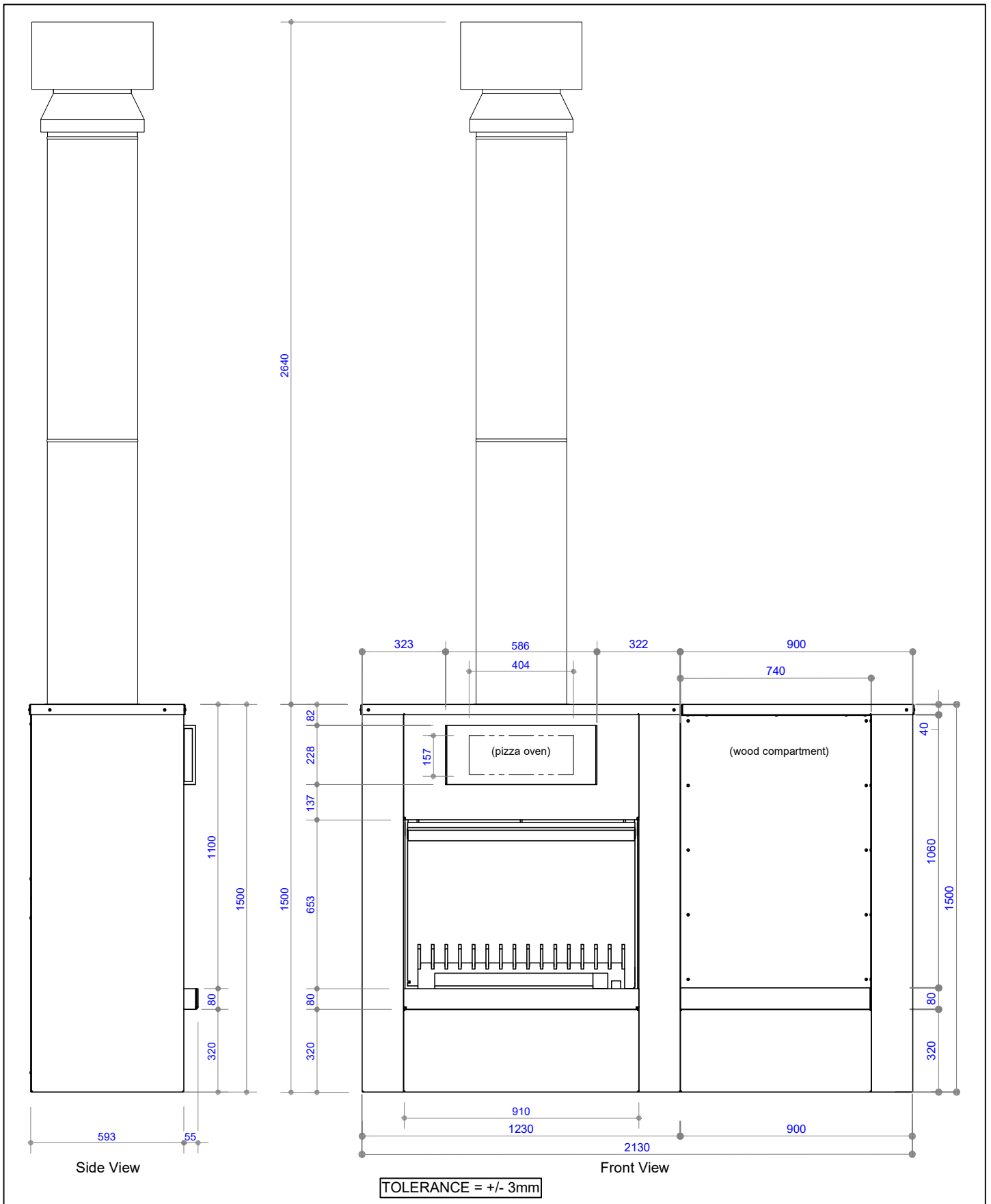
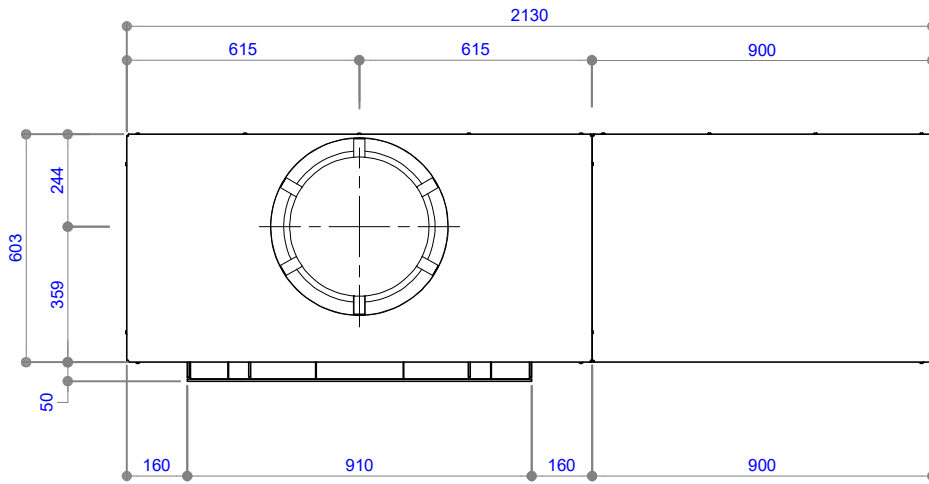




**WD51
SPECIFICATIONS**

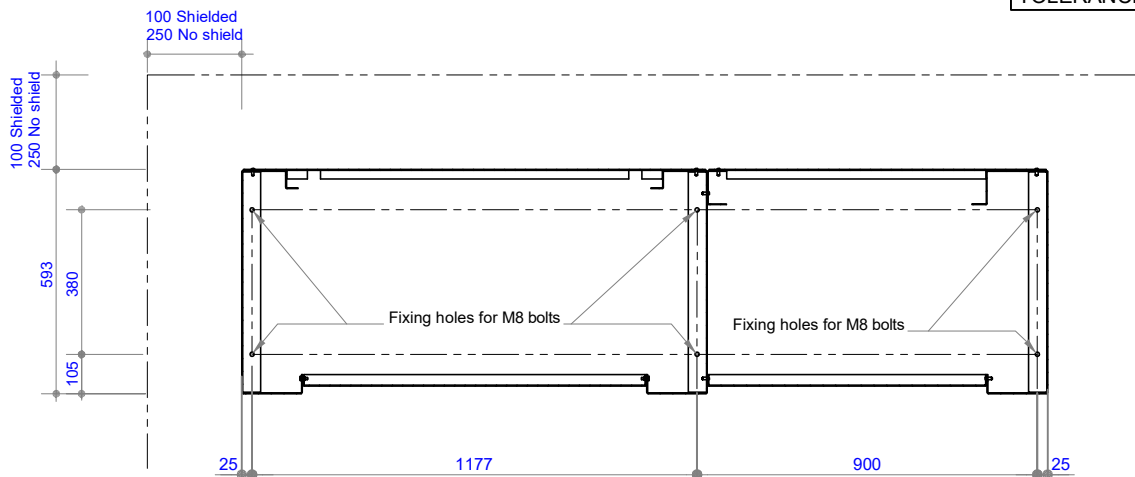


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	Product: WD51 - 1200			
	Title: FIREPLACE DIMENSIONS			
	Drawn: LB	Date: 21/04/2021		
	Chkd: JS	Date: 21/04/2021		
Appd: JW	Date: 21/04/2021			
Drawing No. WD51-1200-901		Scale: on A4	Sheet 01 of 06	Revision 1

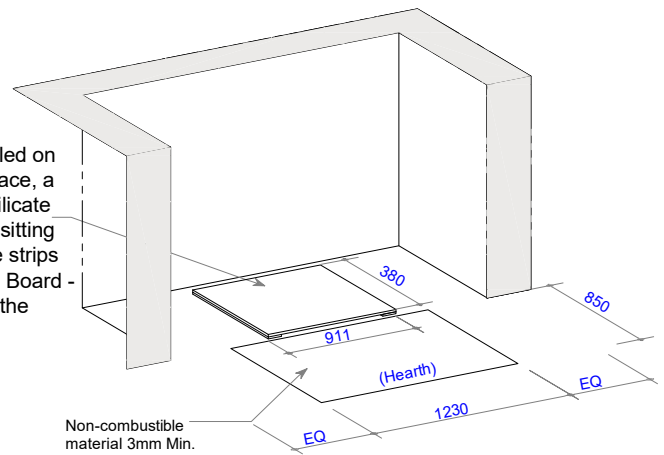
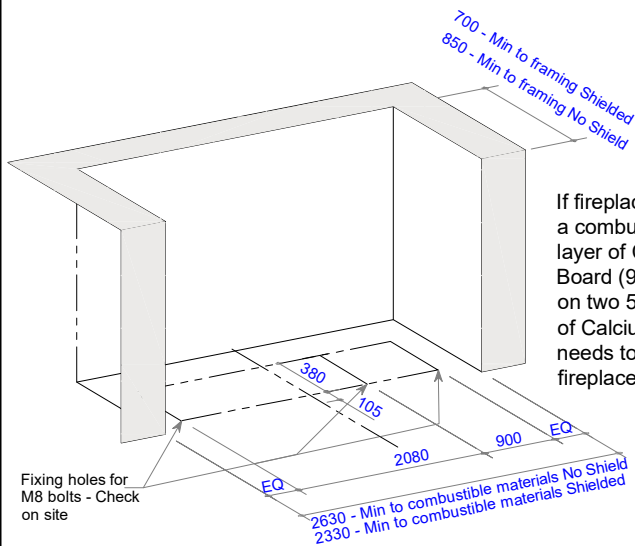


Plan View

TOLERANCE = +/- 3mm



Fixing Set-out - Plan View



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

NOTE: Confirm fixing holes and access on site prior to drilling.
Fireplace to be 250mm /100mm (shielded) clear of combustible materials.

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

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Product: WD51 - 1200

Title: CAVITY CLEARANCES

Drawn: LB

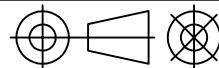
Date: 21/04/2021

Chkd: JS

Date: 21/04/2021

Appd: JW

Date: 21/04/2021



Scale: on A4



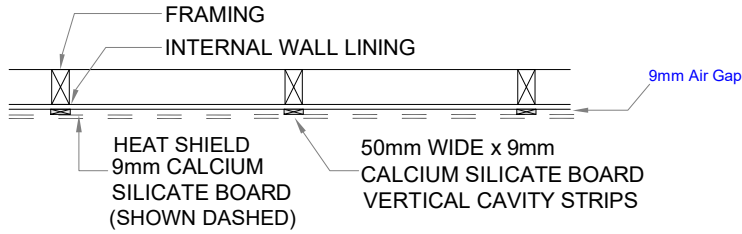
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Sheet 02 of 06

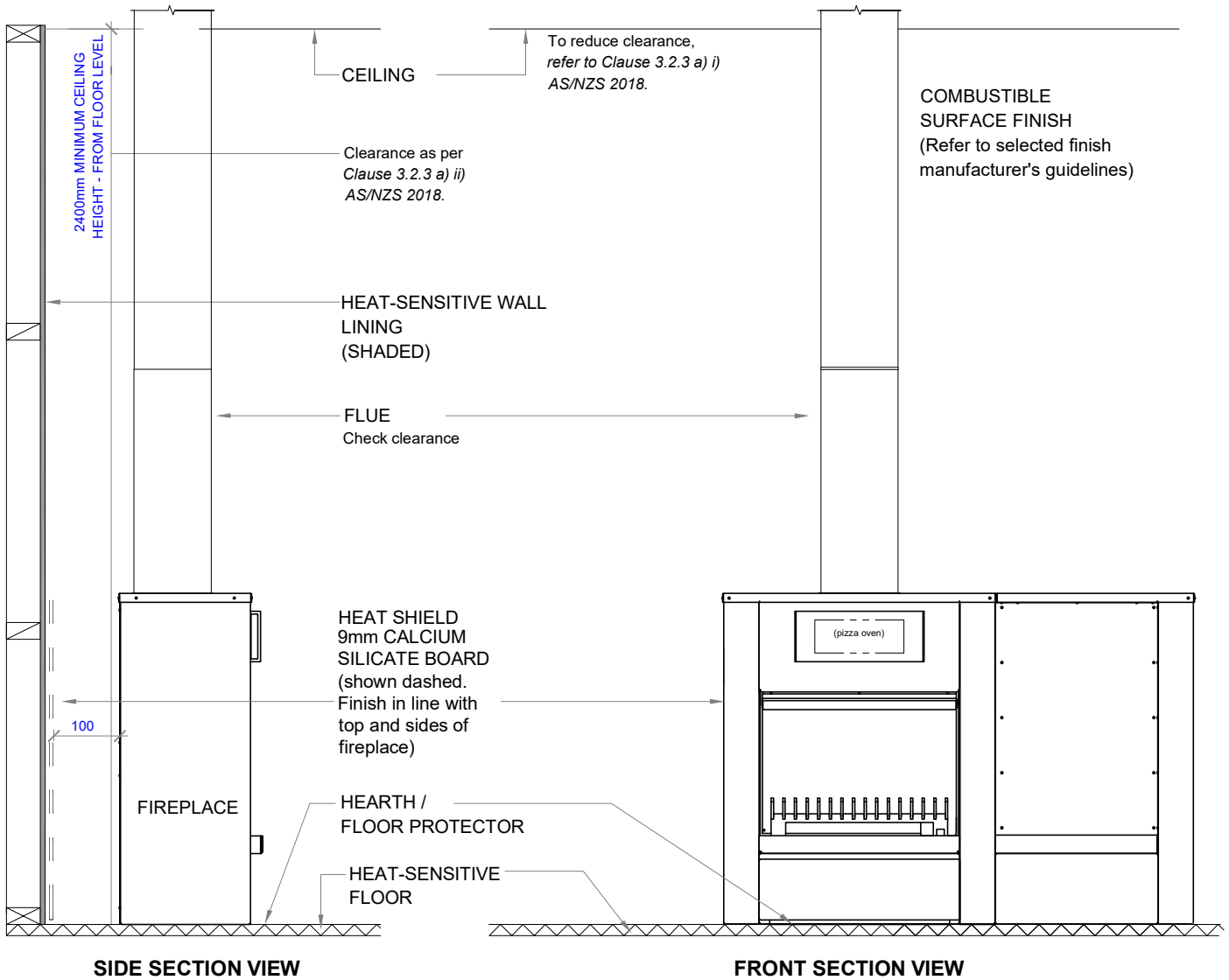
Revision 1

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



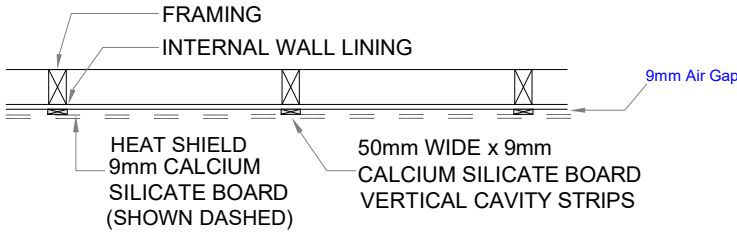
Heat Shield requirements to reduce clearances.
 Refer Sheet 2 - 'Shielded' measurements



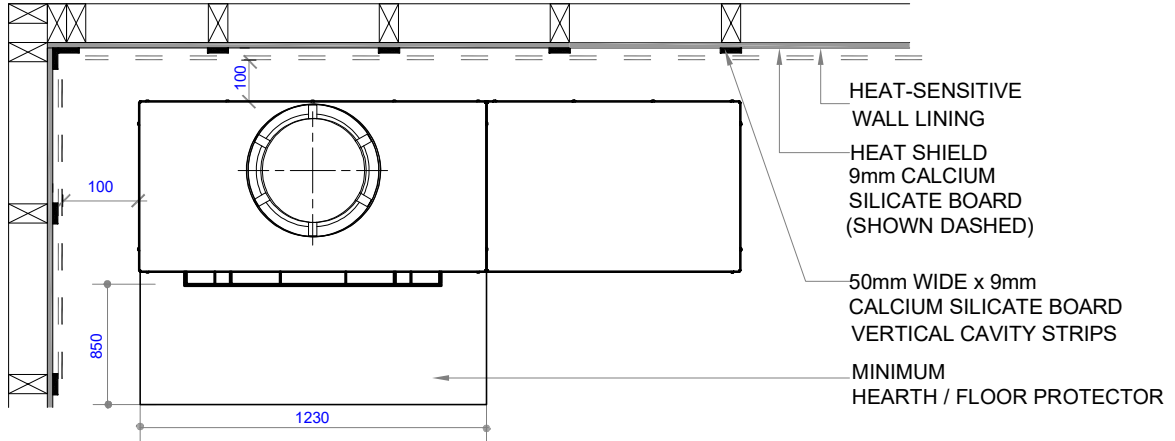
COPYRIGHT© THIS DRAWING IS THE PROPERTY OF The Fire Dept.	Client: THE FIRE DEPT.			
	Product: WD51-1200			
	Title: REQUIREMENTS TO REDUCE CLEARANCES			
	Drawn: LB	Date: 21/04/2021		
	Chkd: JS	Date: 21/04/2021		
Appd: JW	Date: 21/04/2021	Scale:		
Drawing No.	WD51-1200-903	Sheet 03 of 06	Revision 1	

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.

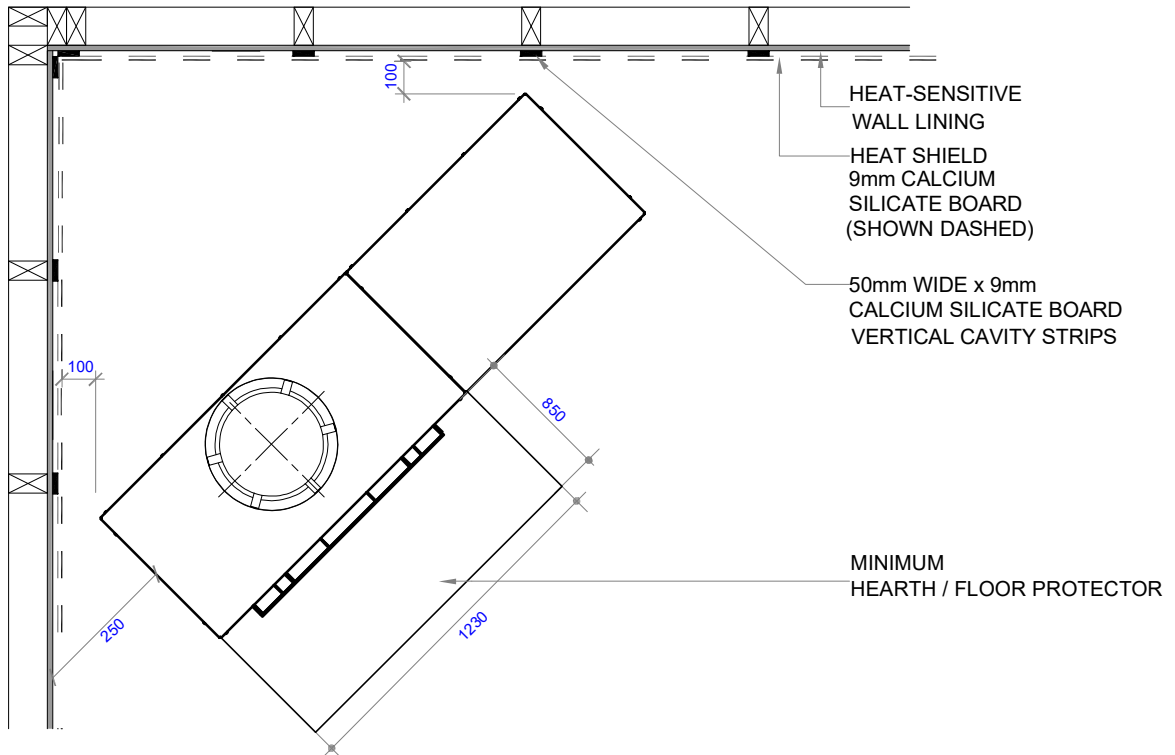
NOTES:
NO NOTCHING HEAT SHIELD PANELS
FIXING:
 - EDGE FIXING DISTANCE 12mm.
 - CORNER FIXING DISTANCE 50mm
 - ACHIEVE 200mm CENTRE FIXINGS TO ALL FRAMING.
JOINTS:
 - 2mm BUTT JOINT PANELS



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



PARALLEL TO WALL INSTALL PLAN



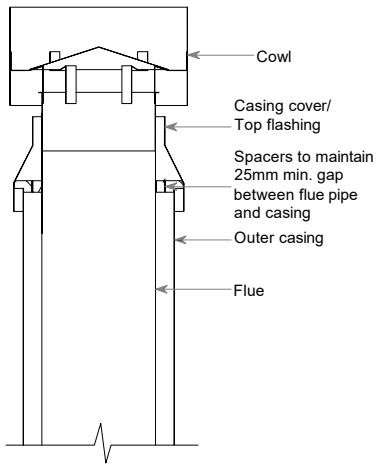
CORNER INSTALL PLAN

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Product: WD51-1200		
Title: REQUIREMENTS TO REDUCE CLEARANCES		
Drawn: LB	Date: 21/04/2021	
Chkd: JS	Date: 21/04/2021	
Appd: JW	Date: 21/04/2021	

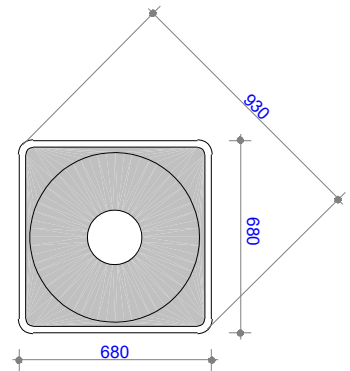


Drawing No.	WD51-1200-904	Sheet 04 of 06	Revision 1
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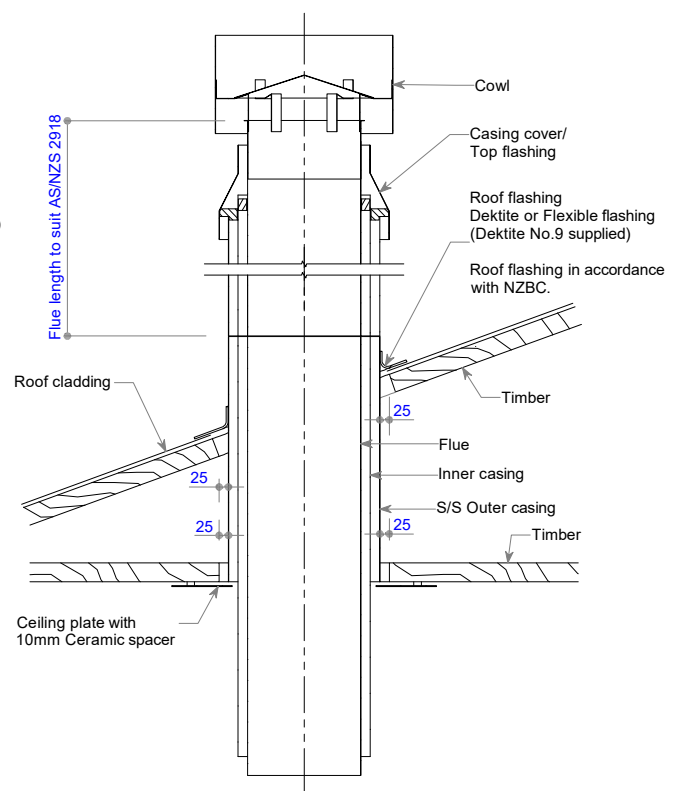
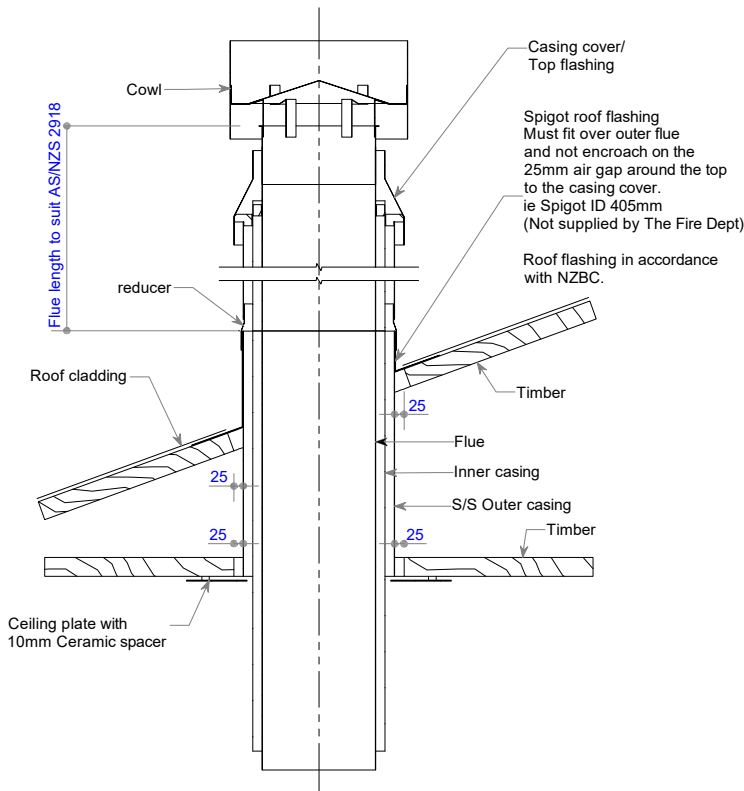
Flue components:
300mm dia. Flue
350mm dia. S/S Outer casing

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.



Dektite 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 - (Dektite / Flashing) Air Ventilation through Casing cover / Top flashing

Flue components:
300mm dia. Flue
350mm dia. Inner casing
400mm dia. S/S Outer casing
410mm dia ID to 395mm 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.

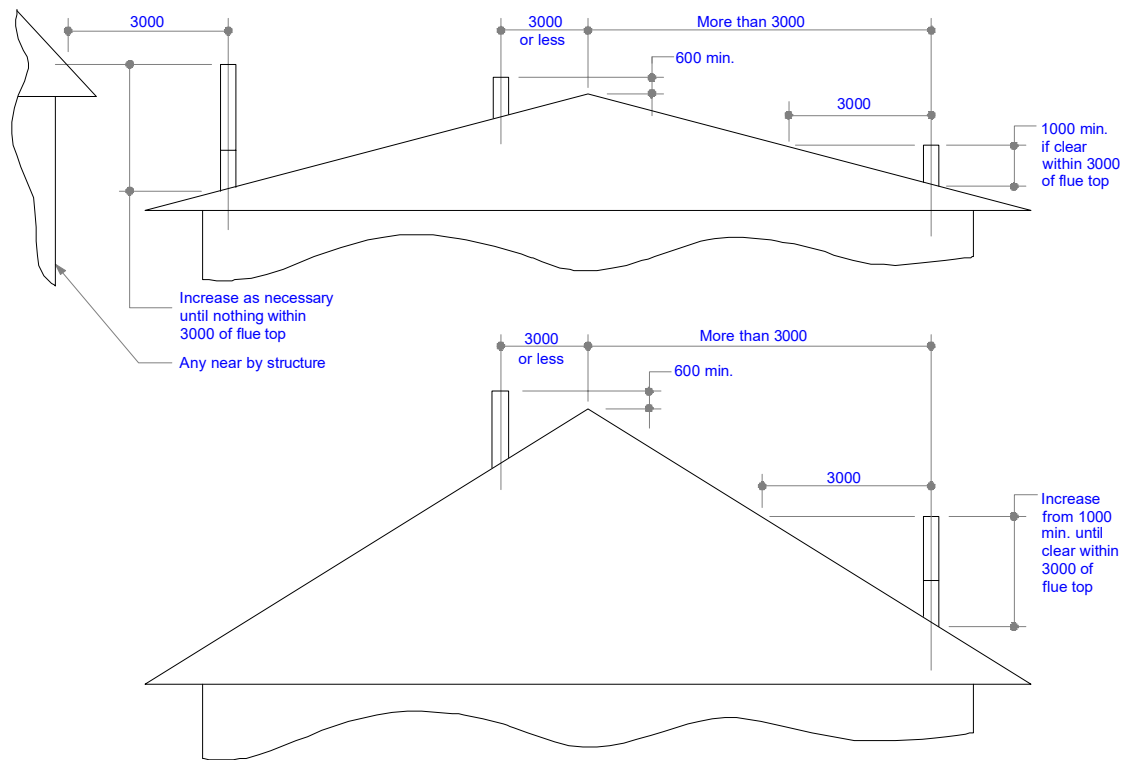
Flue components:
300mm dia. Flue
350mm dia. Inner casing
400mm dia. S/S Outer casing
Dektite No.9 (supplied by others)

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Client: THE FIRE DEPT.			
Product: WD51-1200			
Title: FLUE EXIT DETAILS			
Drawn: LB	Date: 21/04/2021		
Chkd: JS	Date: 21/04/2021		
Appd: JW	Date: 21/04/2021		
Scale:		on A4	



Drawing No.	WD51-1200-905	Sheet	05 of 06	Revision	1
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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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Client: THE FIRE DEPT.		
Product: WD51-1200		
Title: VERTICAL FLUE EXIT DETAILS		
Drawn: LB	Date: 21/04/2021	
Chkd: JS	Date: 21/04/2021	
Appd: JW	Date: 21/04/2021	
Scale:		on A4



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