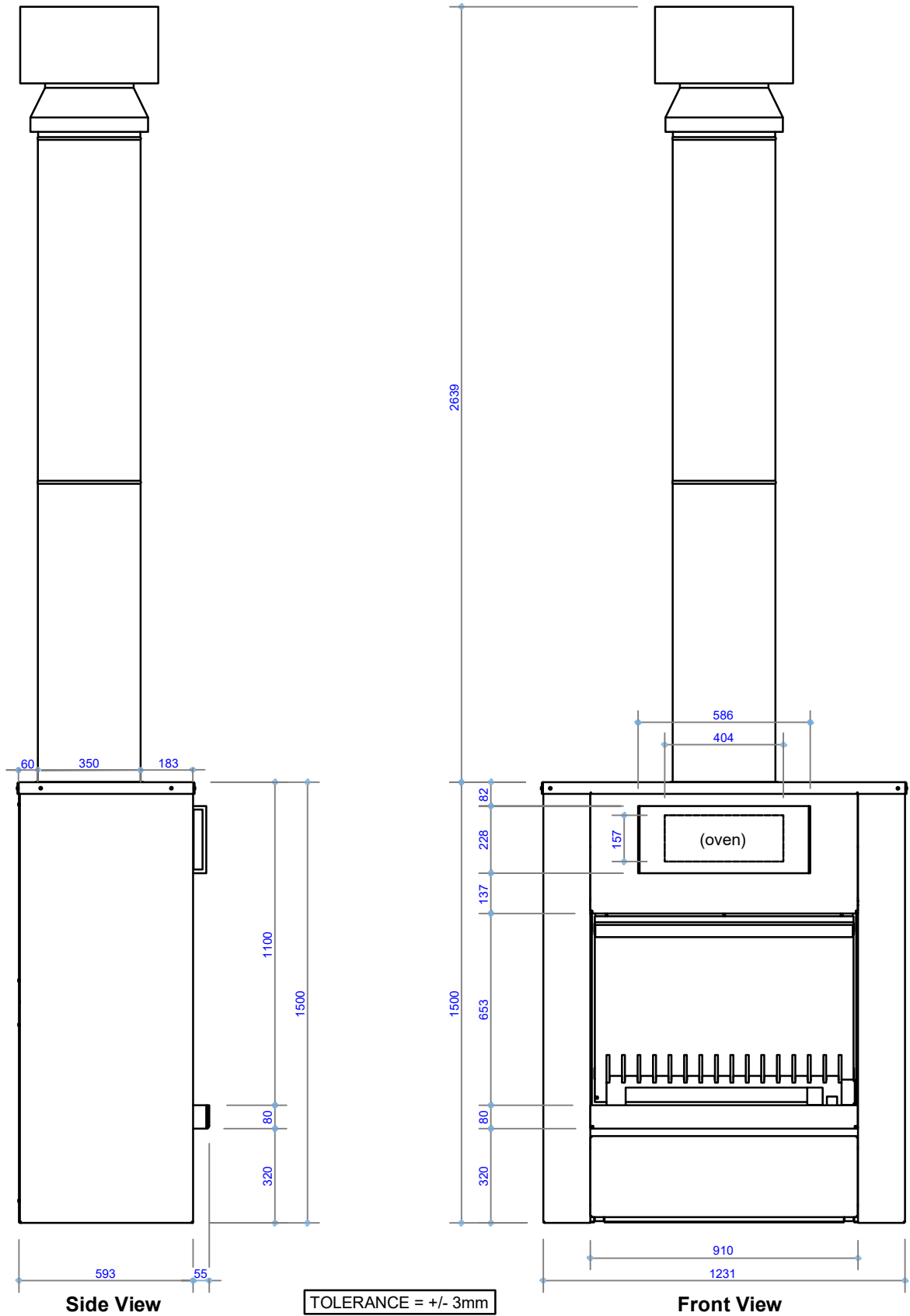


**THE
FIRE
DEPT.
HAND CRAFTED FIRES**

**WD50 | 1200
SPECIFICATIONS**

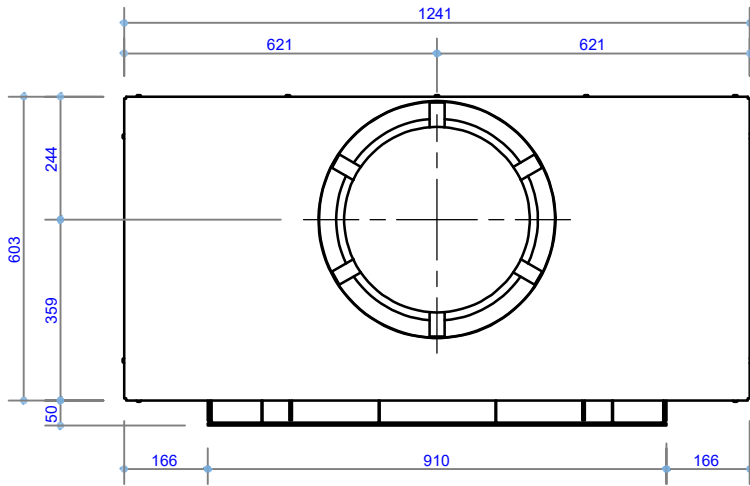


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Client: THE FIRE DEPT.		
Product: WD50 - 1200		
Title: FIREPLACE DIMENSIONS		
Drawn: LB	Date: 08/12/2020	
Chkd: JS	Date: 08/12/2020	
Appd: JW	Date: 08/12/2020	
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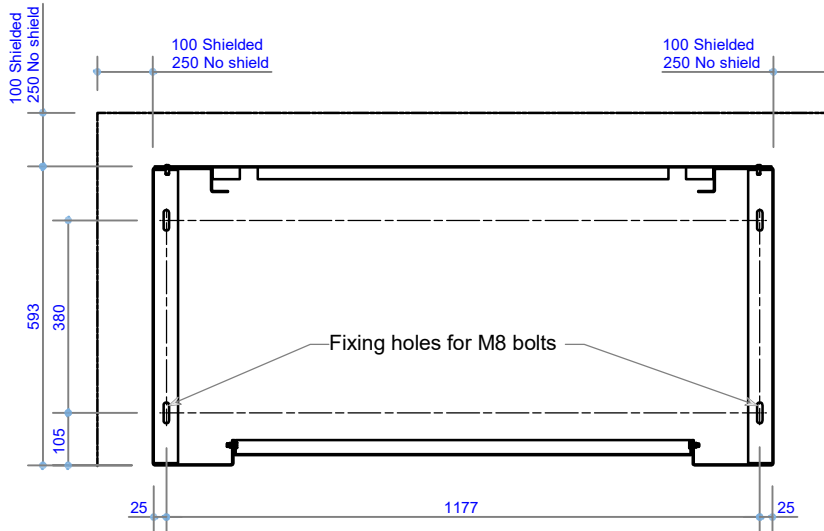
THE
 FIRE
 DEPT.
 HAND CRAFTED FIRES

Drawing No.	WD50-1200-901	Sheet 01 of 06	Revision 3
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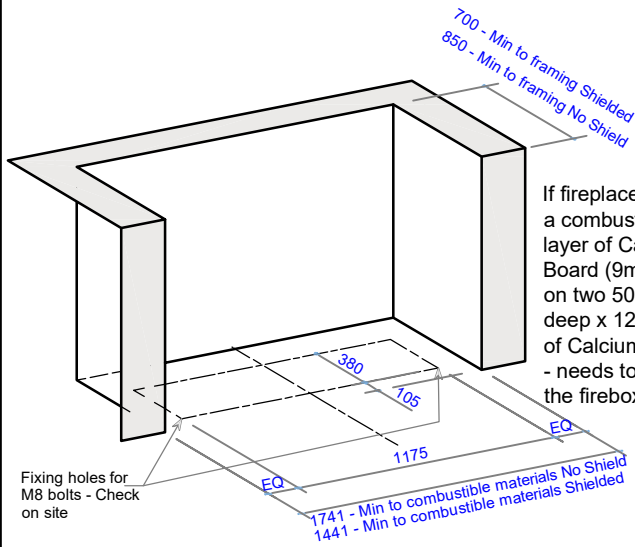


Plan View

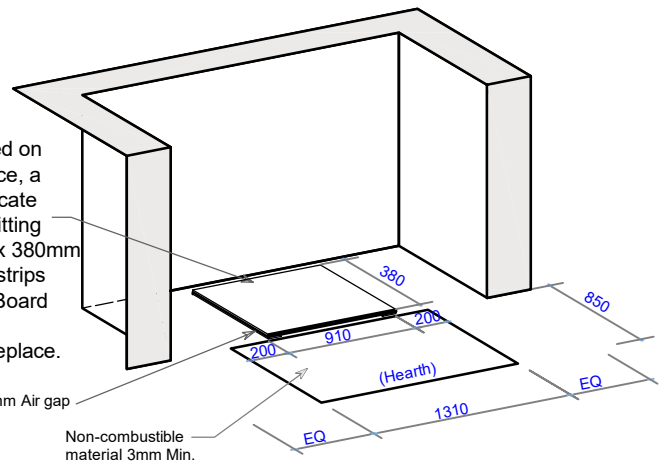
TOLERANCE = +/- 3mm



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 x 380mm deep x 12mm thick strips of Calcium Silicate Board - needs to sit under the firebox of 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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Client: THE FIRE DEPT.

Product: WD50-1200

Title: CAVITY CLEARANCES

Drawn: LB

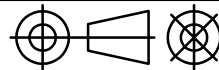
Date: 08/12/2020

Chkd: JS

Date: 08/12/2020

Appd: JW

Date: 08/12/2020



Scale: on A4

THE
FIRE
DEPT.
 HAND CRAFTED FIRES

Drawing No.

WD50-1200-902

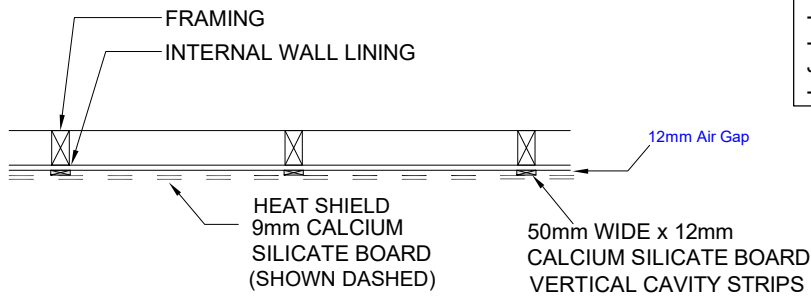
Sheet 02 of 06

Revision

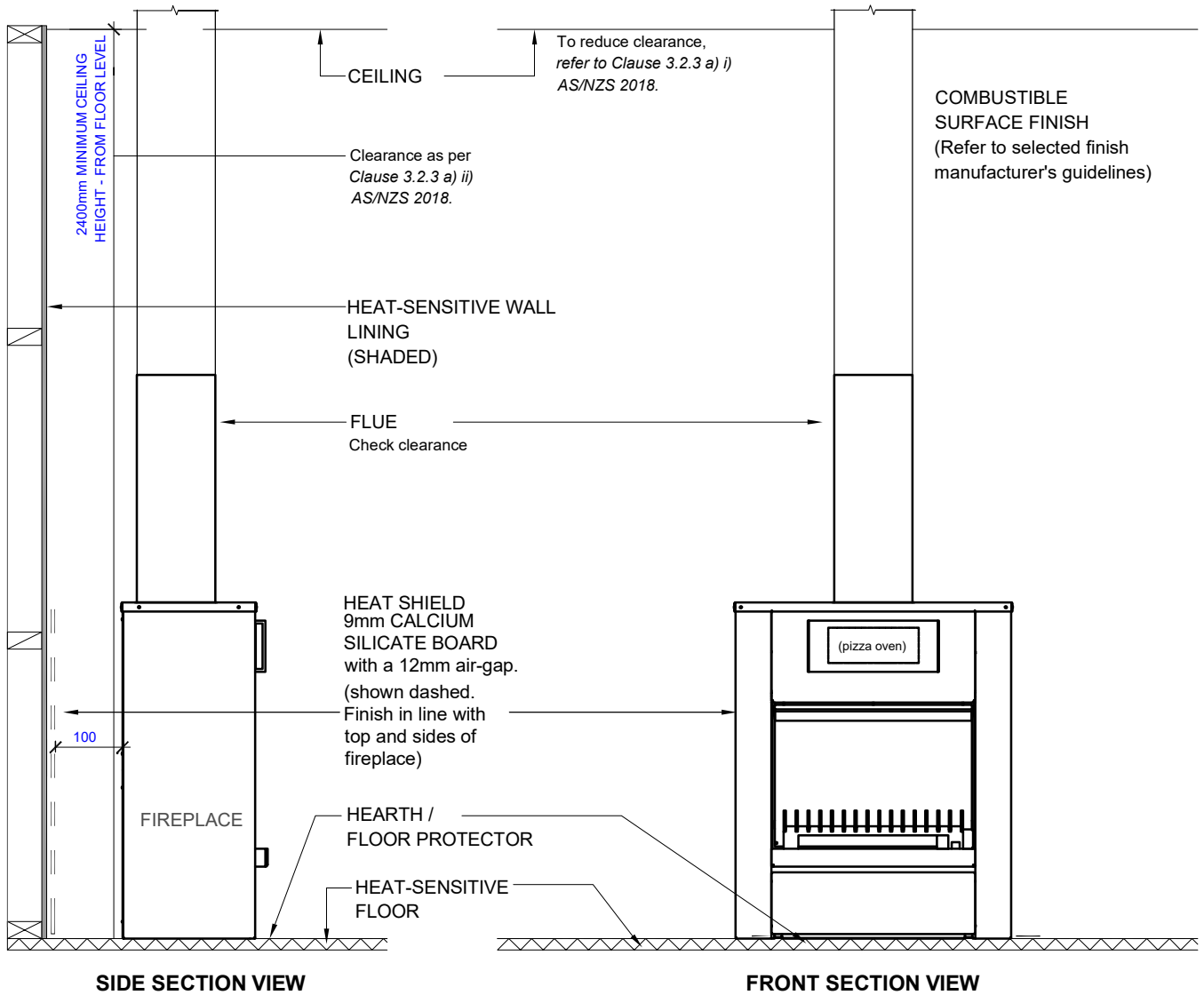
3

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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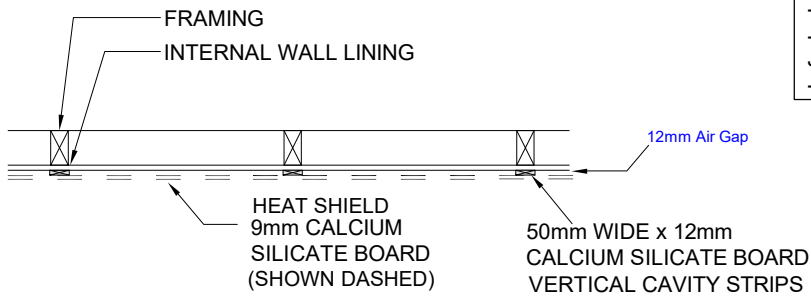
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Product: WD50-1200		
Title: REQUIREMENTS TO REDUCE CLEARANCES		
Drawn: LB	Date: 08/12/2020	
Chkd: JS	Date: 08/12/2020	
Appd: JW	Date: 08/12/2020	
Scale:		

THE
 FIRE
 DEPT.
 HAND CRAFTED FIRES

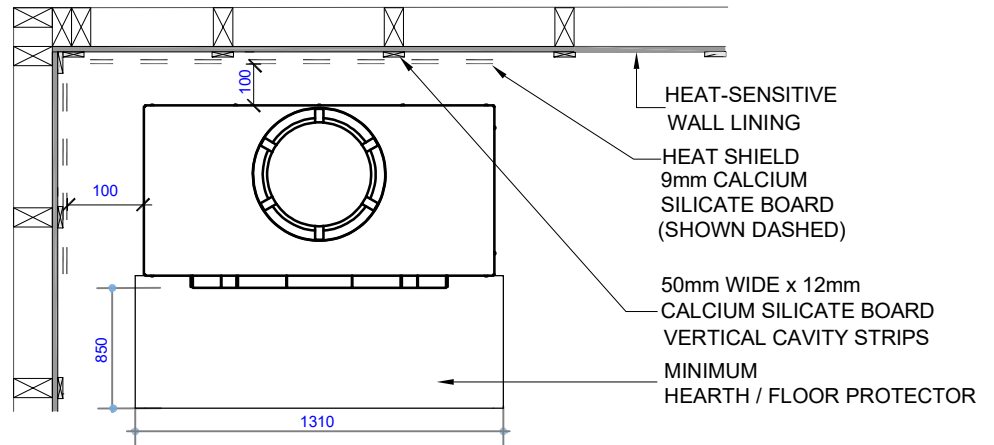
Drawing No.	WD50-1200-903	Sheet 03 of 06	Revision 3
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Note: Reduced clearances are measured from the outer face to the fireplace to the Calcium Silicate Board
Ventilation air gaps at the top and bottom of the Heat Shield must be provided and must not be closed or blocked off.

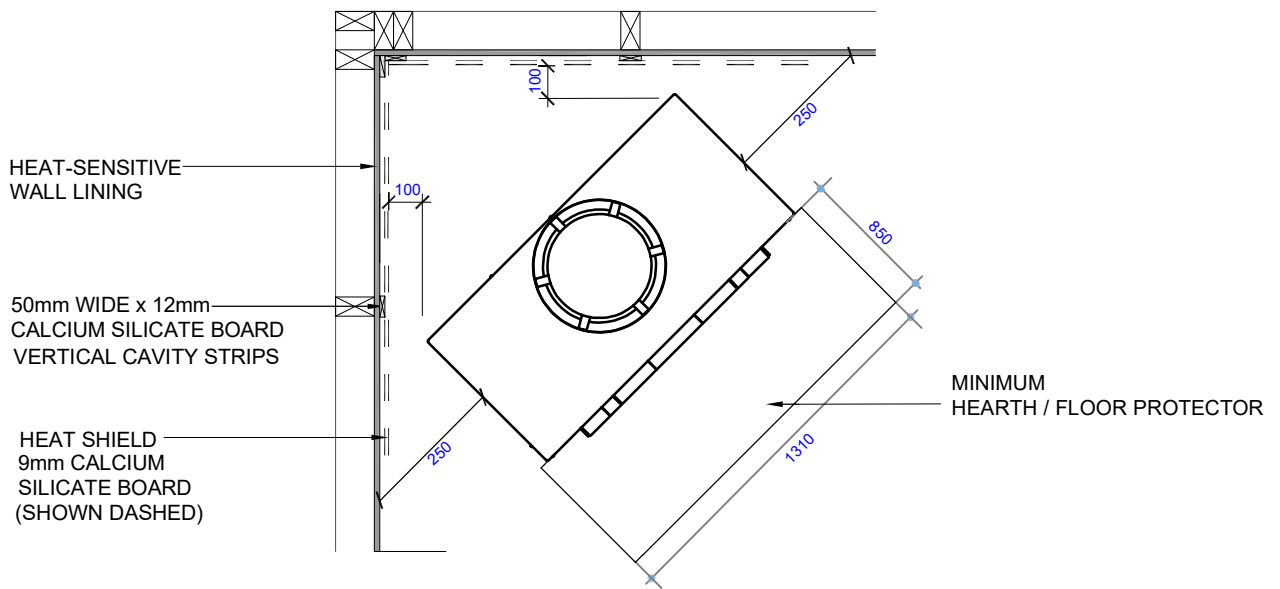
NOTES:
NO NOTCHING HEAT SHIELD PANELS
 FIXING:
 - EDGE FIXING DISTANCE 12mm.
 - CORNER FIXING DISTANCE 50mm
 - ACHIEVE 200mm CENTRE FIXINGS TO ALL FRAMING.
 JOINTS:
 - 2mm BUTT JOINT PANELS



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



PARALLEL TO WALL INSTALL PLAN

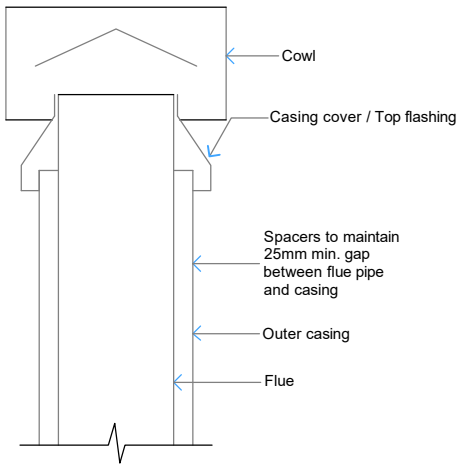


CORNER INSTALL PLAN

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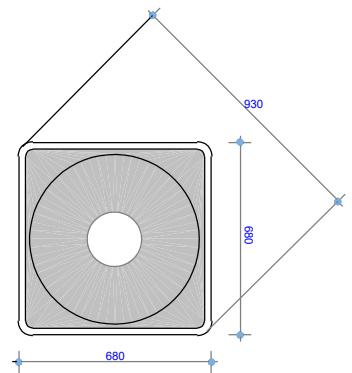
Client: THE FIRE DEPT.		
Product: WD50-1200		
Title: REQUIREMENTS TO REDUCE CLEARANCES		
Drawn: LB	Date: 08/12/2020	
Chkd: JS	Date: 08/12/2020	
Appd: JW	Date: 08/12/2020	





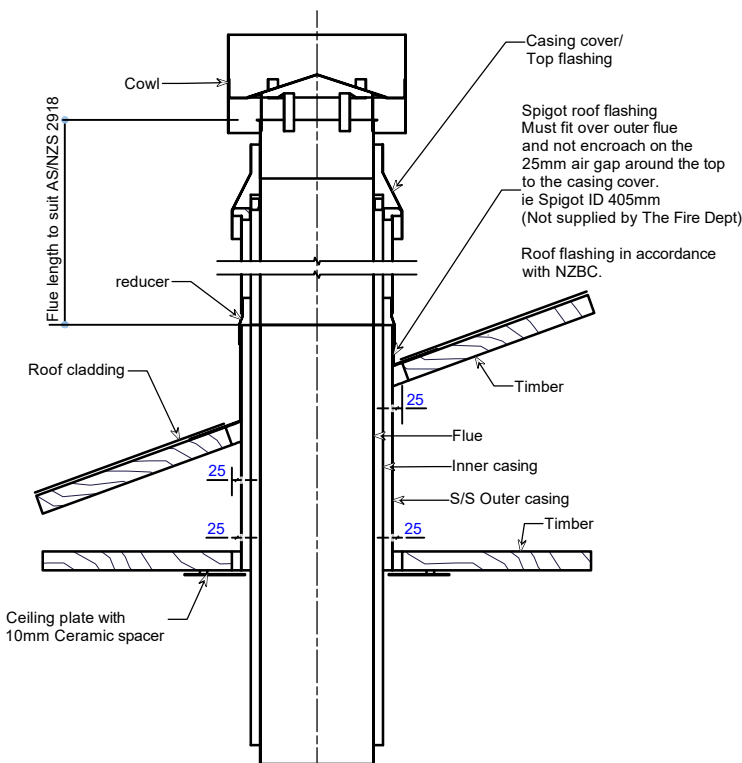
Flue components:
 300mm dia. Flue
 350mm dia. S/S Outer casing

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.

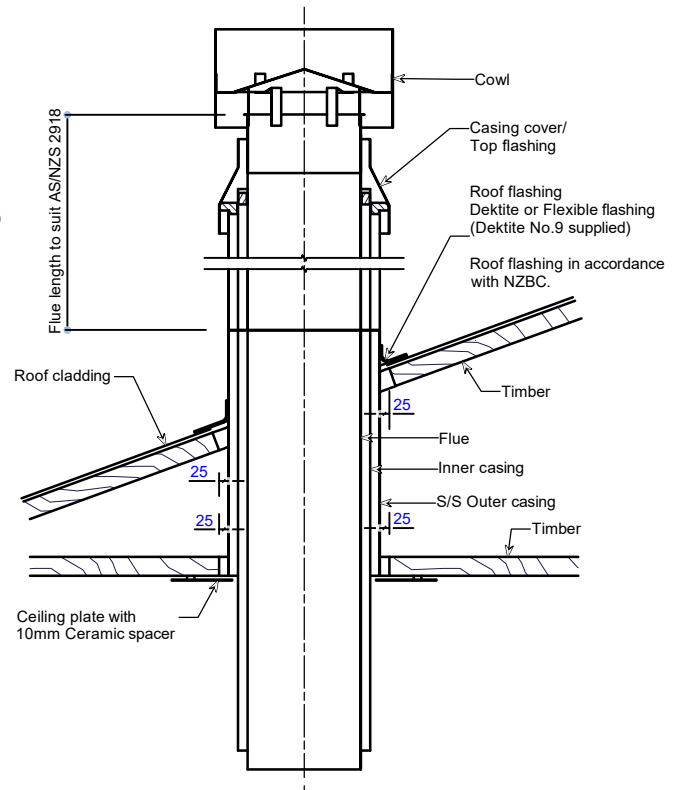


Dekтите Flashing No. 9 - Plan View

**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:
 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
 Dekтите No.9

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Client: THE FIRE DEPT.

Product: WD50-1200

Title: FLUE EXIT DETAILS

Drawn: LB

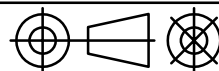
Date: 08/12/2020

Chkd: JS

Date: 08/12/2020

Appd: JW

Date: 08/12/2020



Scale: on A4

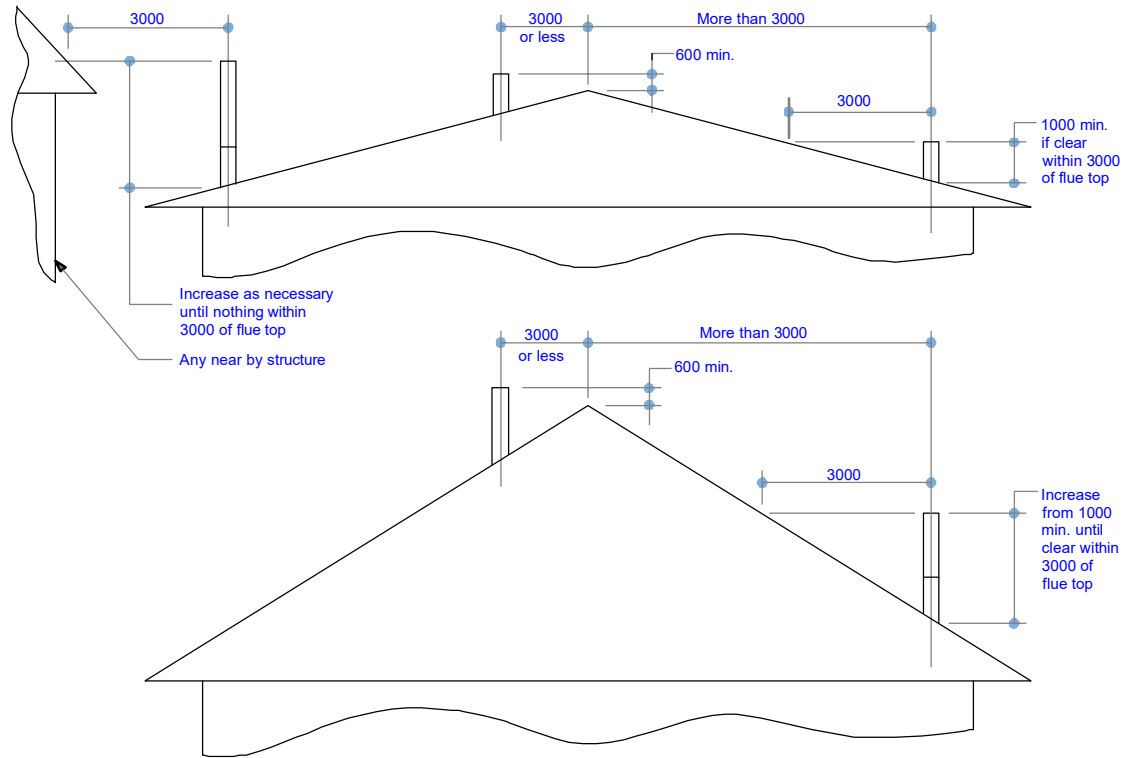
THE FIRE DEPT.
HAND CRAFTED FIRES

Drawing No. **WD50-1200-905**

Sheet 05 of 06

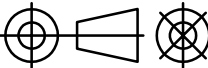
Revision **3**

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



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

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Client: THE FIRE DEPT.		
Product: WD50-1200		
Title: VERTICAL FLUE EXIT DETAILS		
Drawn: LB	Date: 08/12/2020	
Chkd: JS	Date: 08/12/2020	
Appd: JW	Date: 08/12/2020	
Scale:		on A4

THE
 FIRE
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 HAND CRAFTED FIRES

Drawing No.	WD50-1200-906	Sheet 06 of 06	Revision 3
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