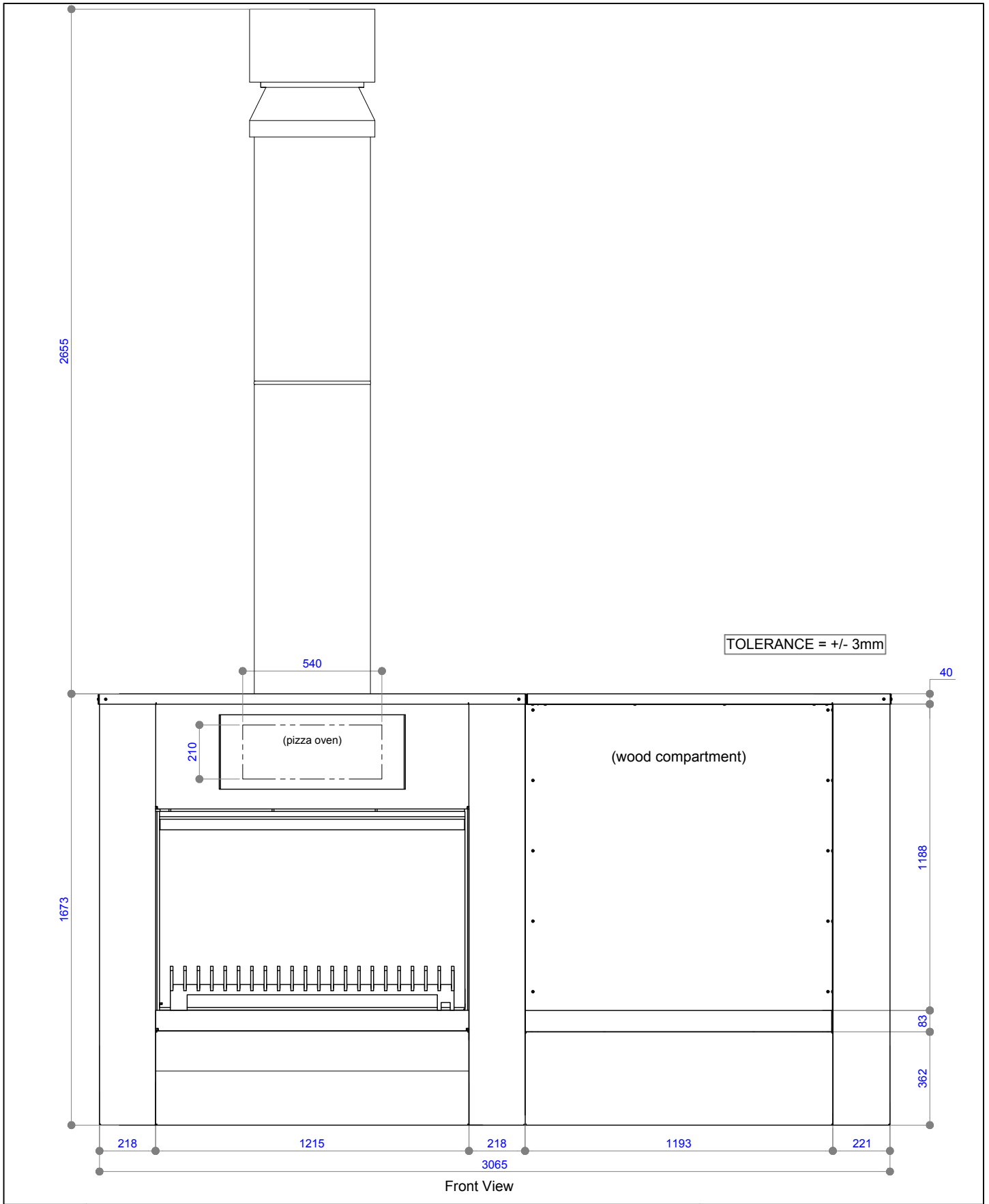
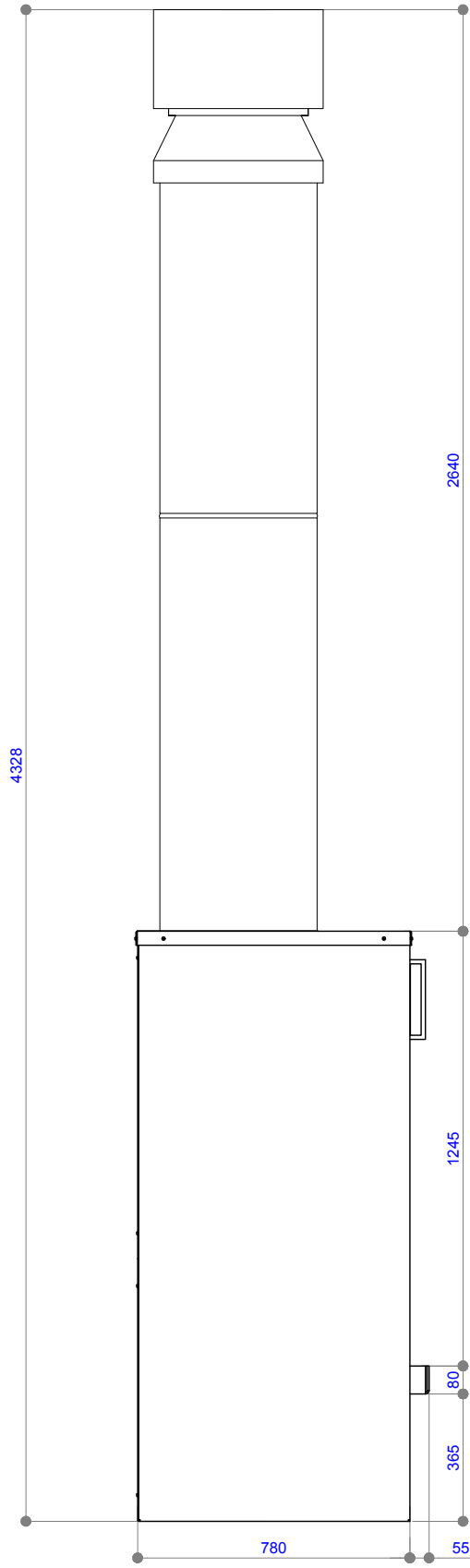




**WD54 | 1600
SPECIFICATIONS**



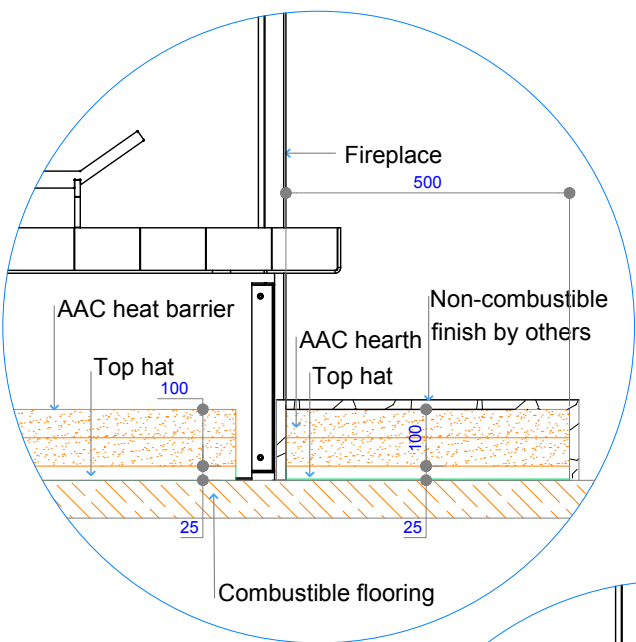
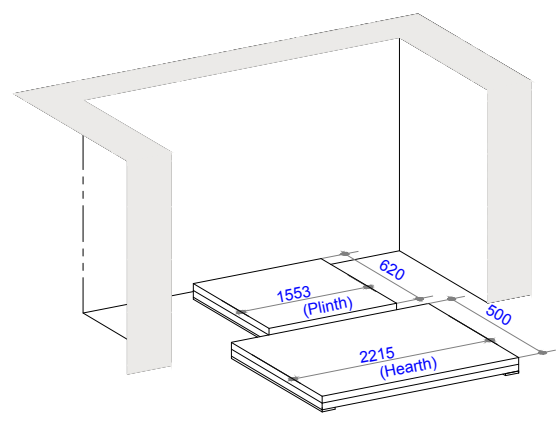
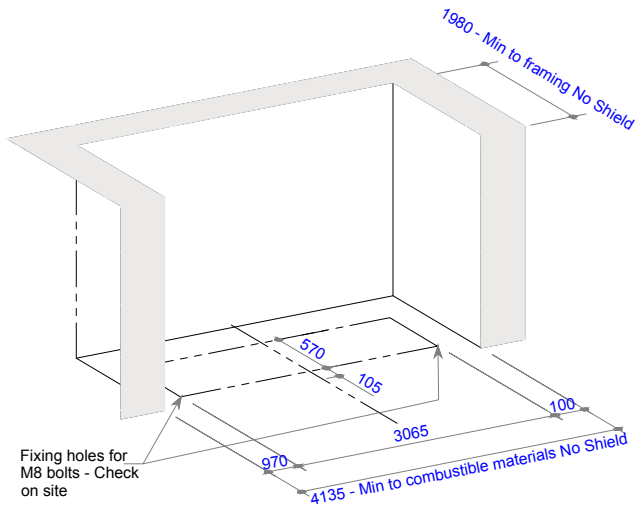
COPYRIGHT© THIS DRAWING IS THE PROPERTY OF The Fire Dept.	Client: THE FIRE DEPT.			
	Product: WD54 - 1600			
	Title: FIREPLACE DIMENSIONS			
	Drawn: JG	Date: 24/09/2021		
	Chkd: LB	Date: 24/09/2021		
Appd: JW	Date: 24/09/2021	Scale: on A4		
Drawing No.	WD54-1600-901	Sheet 01 of 07	Revision 2	



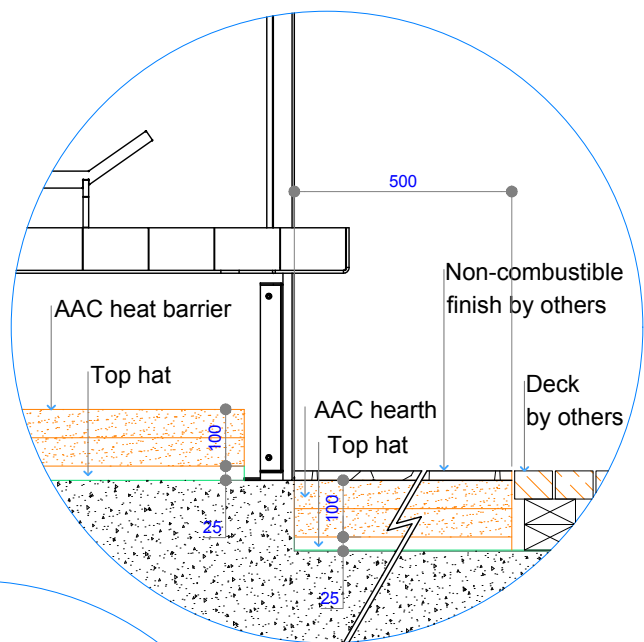
TOLERANCE = +/- 3mm

Side View

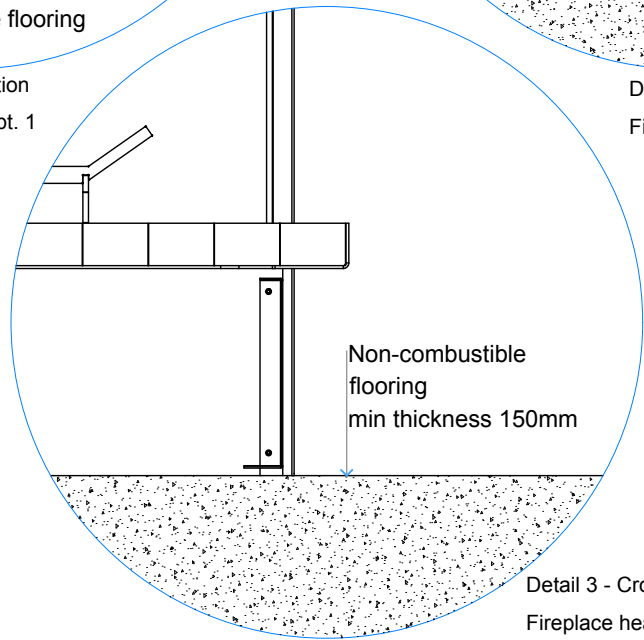
COPYRIGHT© THIS DRAWING IS THE PROPERTY OF The Fire Dept.	Client: THE FIRE DEPT.			
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	Chkd: LB	Date: 24/09/2021		
Appd: JW	Date: 24/09/2021	Scale: on A4		
Drawing No.	WD54-1600-902		Sheet 02 of 07	Revision 2



Detail 1 - Cross Section
Fireplace hearth - Opt. 1

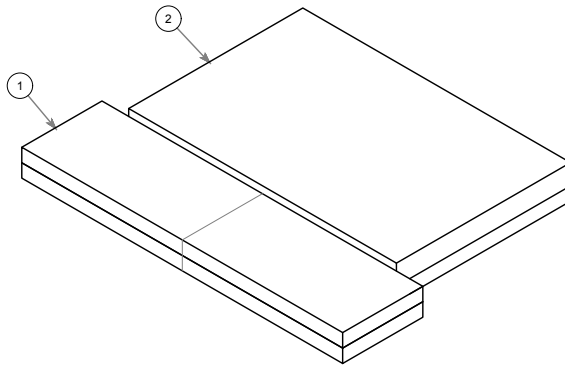


Detail 2 - Cross Section
Fireplace hearth - Opt. 2



Detail 3 - Cross Section
Fireplace hearth - Opt. 3

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	Product: WD54 - 1600			
	Title: CAVITY CLEARANCES and HEARTH DETAILS			
	Drawn: JG	Date: 24/09/2021		
	Chkd: LB	Date: 24/09/2021		
Appd: JW	Date: 24/09/2021	Scale: on A4		
Drawing No.	WD54-1600-904		Sheet 04 of 07	Revision 2



ACC panel - Cutting plan

ITEM	QTY	DESCRIPTION	MEASUREMENT
1	2	Plinth AAC panel	600mm x 1550mm x 50mm
2	2	Hearth AAC panel	500mm x 2215mm x 50mm

NOTE: This is an untested appliance, installation needs to comply with AS/NZS 2918:2001

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Client: THE FIRE DEPT.

Product: WD54 - 1600

Title: AAC CUTTING PLAN

Drawn: JG

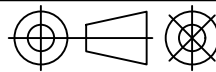
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Chkd: LB

Date: 24/09/2021

Appd: JW

Date: 24/09/2021



Scale: on A4

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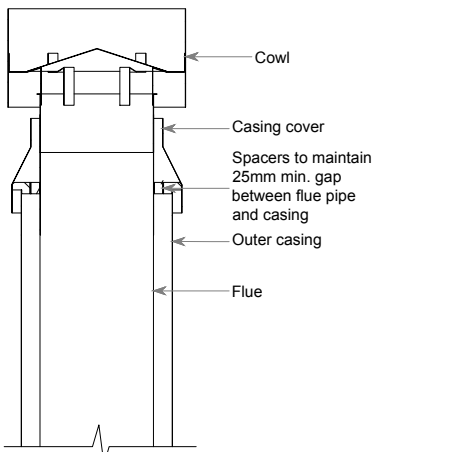
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WD54-1600-905

Sheet 05 of 07

Revision

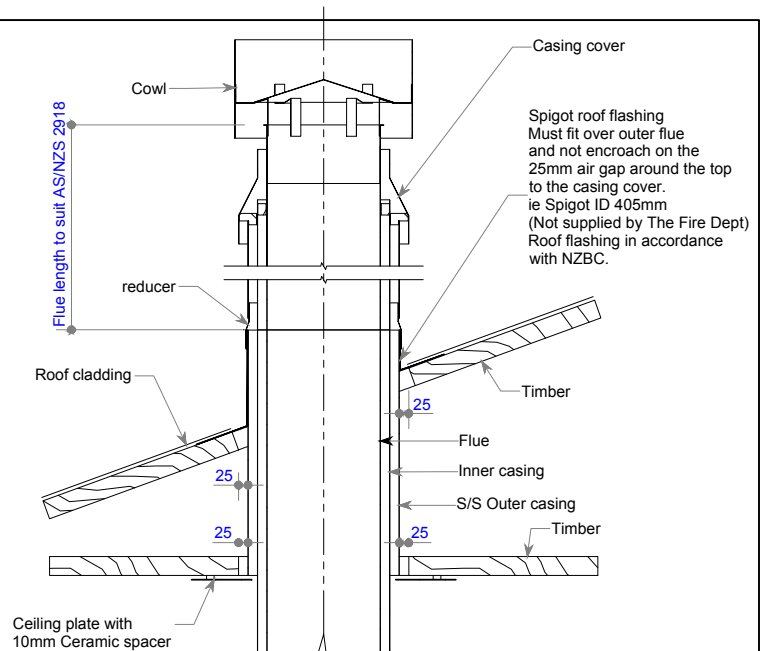
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Option 1 - Free standing fireplace flue detail -
Air Ventilation through Casing cover / Top flashing

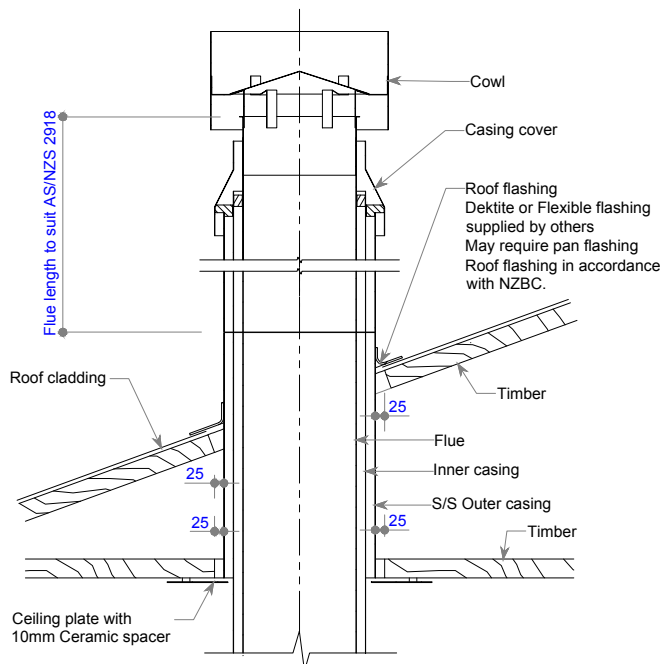
Flue components:
400mm Ø Flue
450mm Ø S/S Outer casing

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.



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

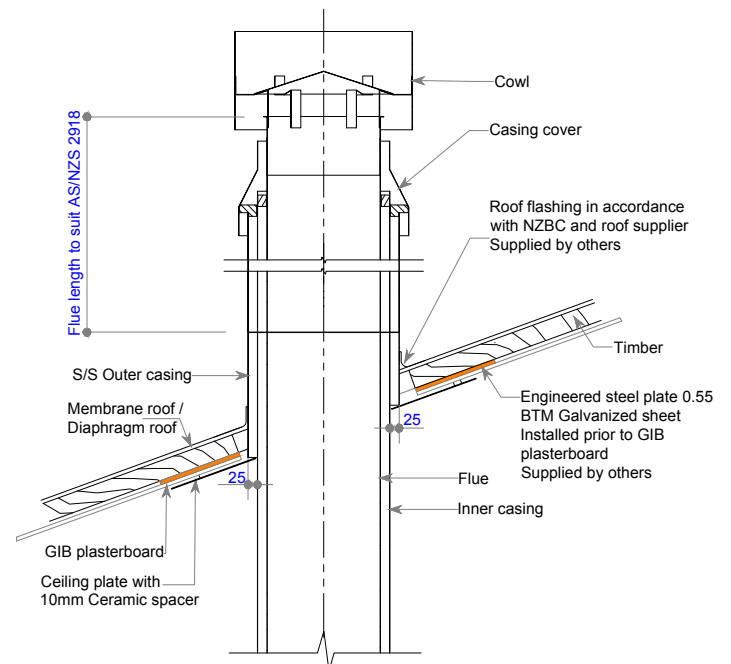
Flue components:
400mm Ø Flue
450mm Ø Inner casing
500mm Ø S/S Outer casing
510mm Ø ID to 495mm Ø OD reducer
Spigot flashing supplied by others



DEKITE / FLASHING

Option 3 - Roof penetration flue detail
Air Ventilation through Casing cover / Top flashing

Flue components:
400mm Ø Flue
450mm Ø Inner casing
500mm Ø S/S Outer casing
Deklite No.9 supplied by others



MEMBRANE ROOF / DIAPHRAGM ROOF

Option 4 - Roof penetration flue detail
Air Ventilation through Casing cover / Top flashing

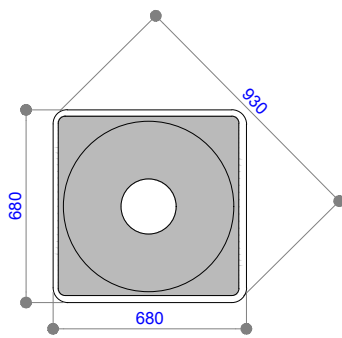
Flue components:
400mm Ø Flue
450mm Ø Inner casing
500mm Ø S/S Outer casing
Flashing supplied by others

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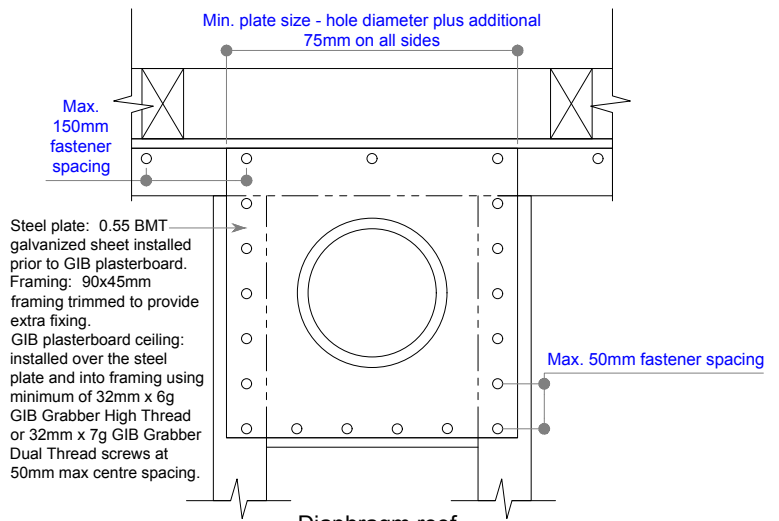
Client: THE FIRE DEPT.		
Product: WD54 - 1600		
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Drawn: JG	Date: 24/09/2021	
Chkd: LB	Date: 24/09/2021	
Appd: JW	Date: 24/09/2021	
Scale: on A4		



Drawing No.	WD54-1600-906	Sheet 06 of 07	Revision 2
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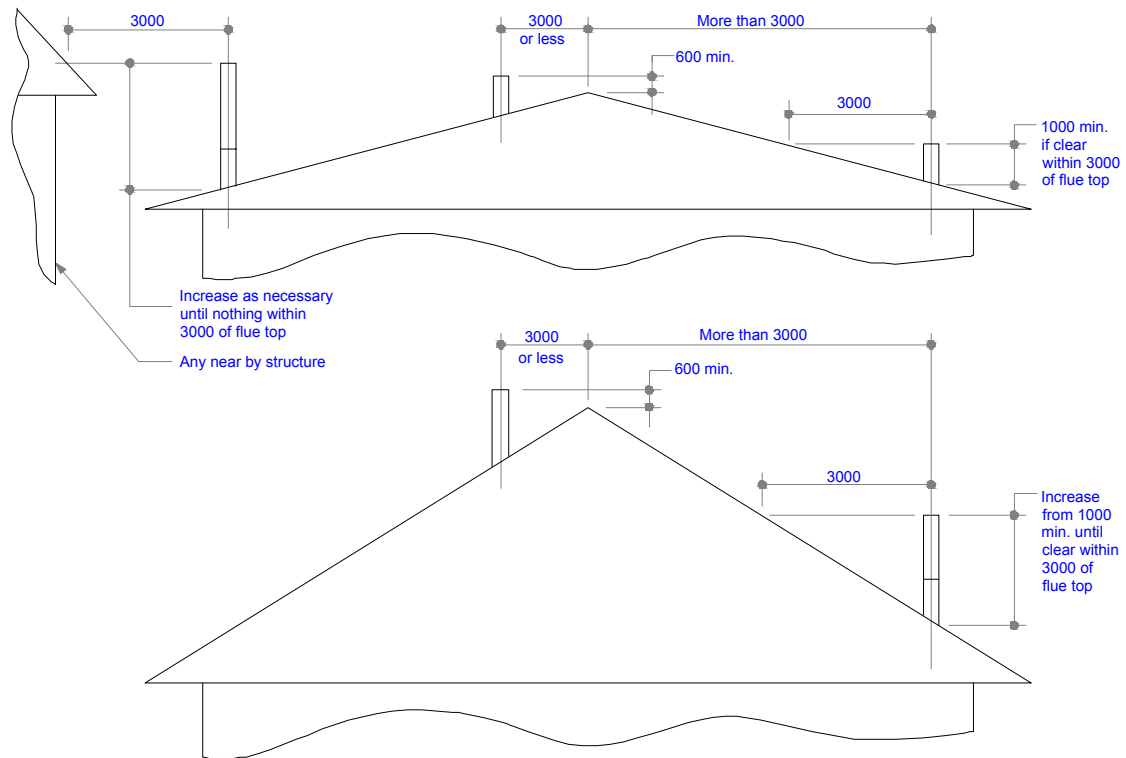


Dektite Flashing No. 9 - Plan View



Steel plate: 0.55 BMT galvanized sheet installed prior to GIB plasterboard.
 Framing: 90x45mm framing trimmed to provide extra fixing.
 GIB plasterboard ceiling: installed over the steel plate and into framing using minimum of 32mm x 6g GIB Grabber High Thread or 32mm x 7g GIB Grabber Dual Thread screws at 50mm max centre spacing.

Diaphragm roof
 Penetration plate plan view
 Reference: Gib EzyBrace Systems Specification and installation manual (Aug 2016)



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: WD54 - 1600		
Title: VERTICAL FLUE EXIT DETAILS		
Drawn: JG	Date: 24/09/2021	
Chkd: LB	Date: 24/09/2021	
Appd: JW	Date: 24/09/2021	
Scale:		on A4

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Drawing No.	WD54-1600-907	Sheet 07 of 07	Revision 2
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