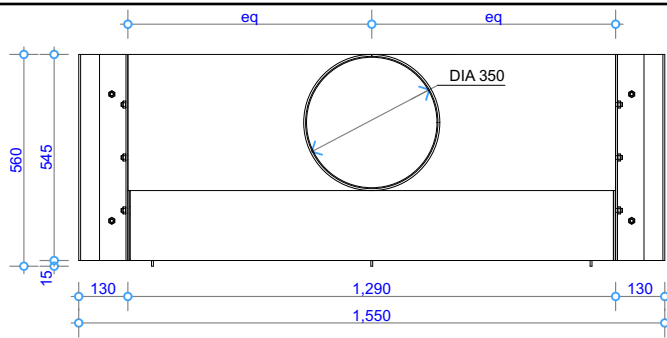




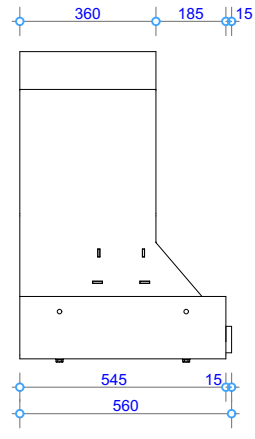
## **WD1 – 1300 Open Front**

### **Specifications**

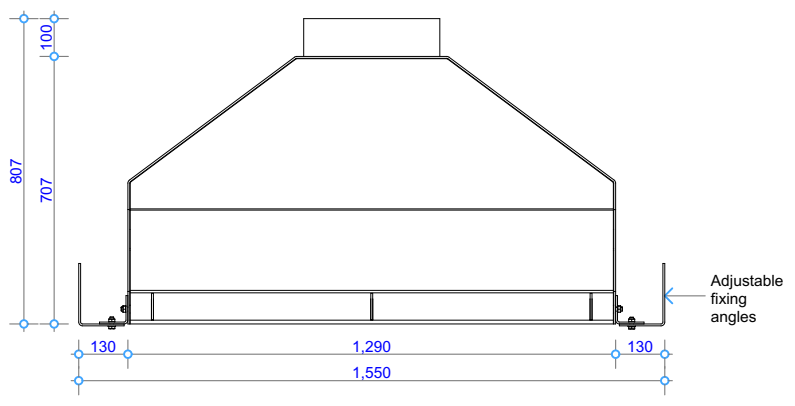
Information in this specification may be subject to change without notice. Please ensure you have the current version before beginning installation.



Plan View

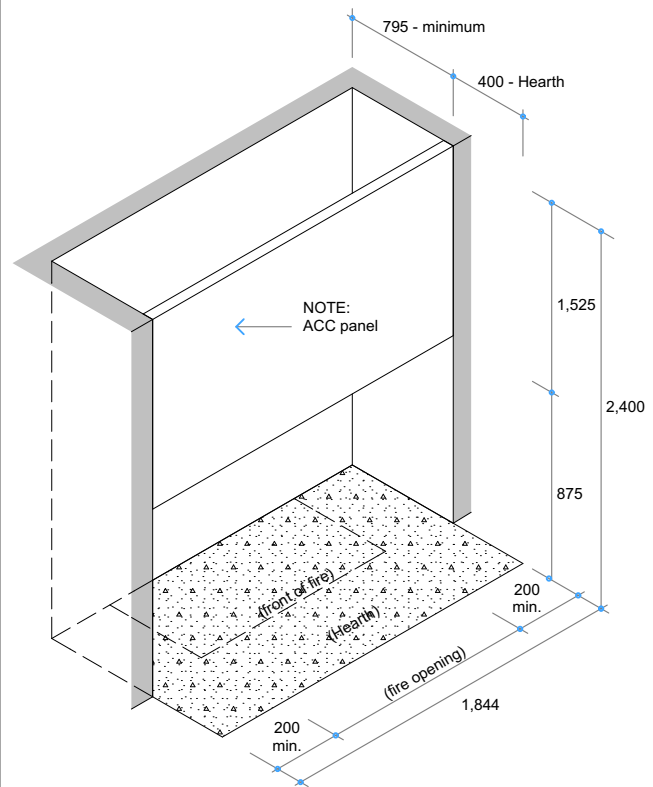


Side View



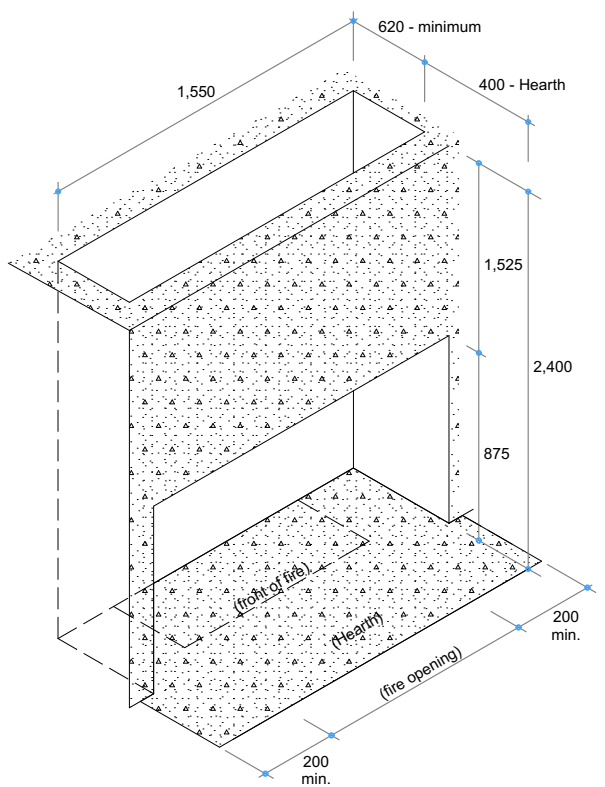
Front View

TOLERANCE = +/- 3mm



Fire Installation Requirements & Hearth Size - Timber Cavity

NOTE: Hearth to extend minimum of 200mm both sides of fire opening, and 400mm from front of fire opening



Fire Installation Requirements & Hearth Size - Concrete Cavity

NOTE: Hearth to extend minimum of 200mm both sides of fire opening, and 400mm from front of fire opening

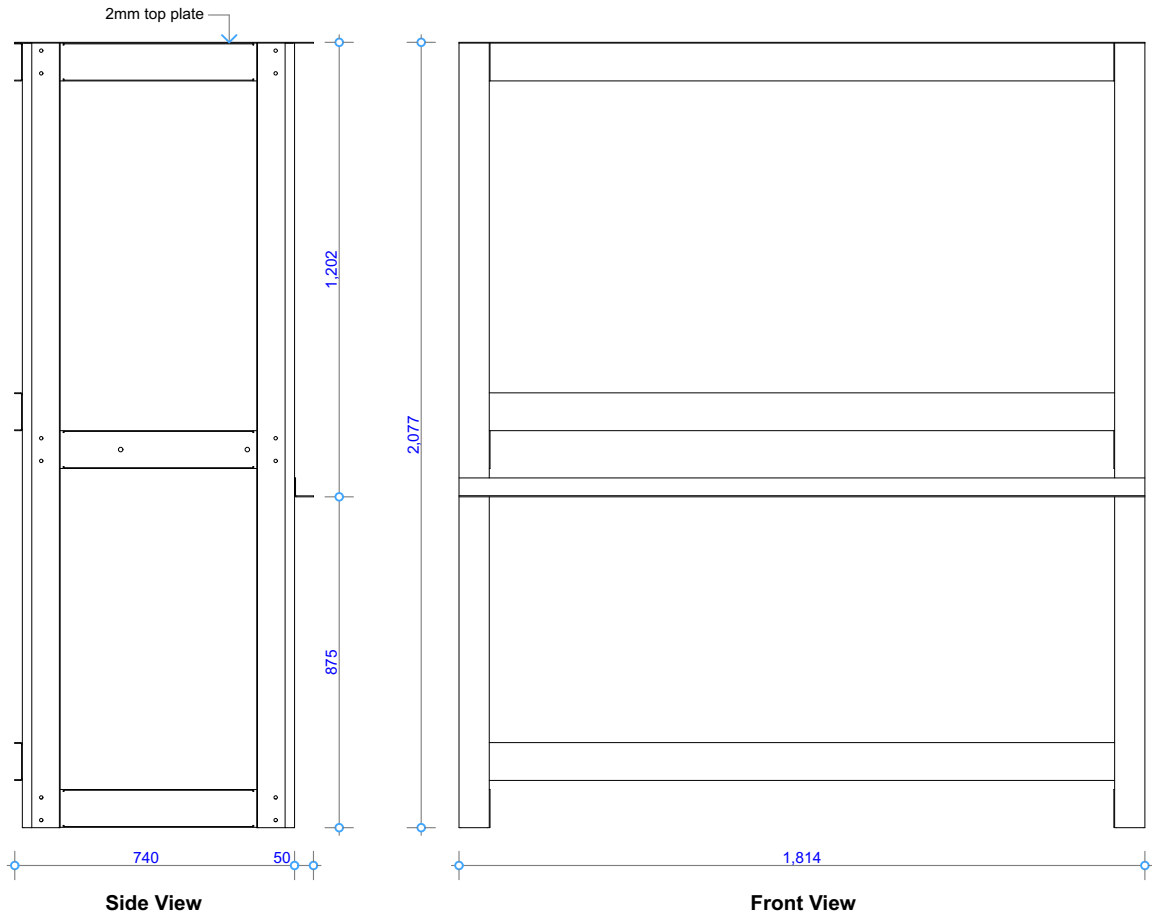
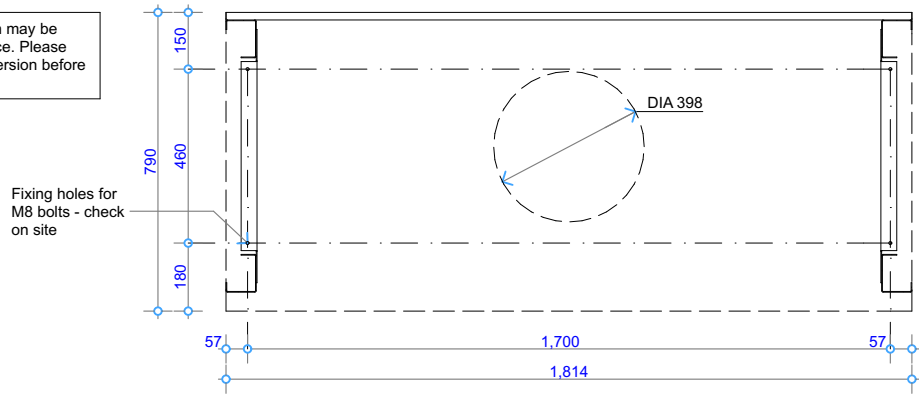
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Client: THE FIRE DEPT.		
Product: WD1OF-1300		
Title: FIRE DIMENSIONS		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4

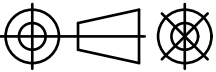


Drawing No.	WD1OF-1300-901	Sheet 01 of 14	Revision	4
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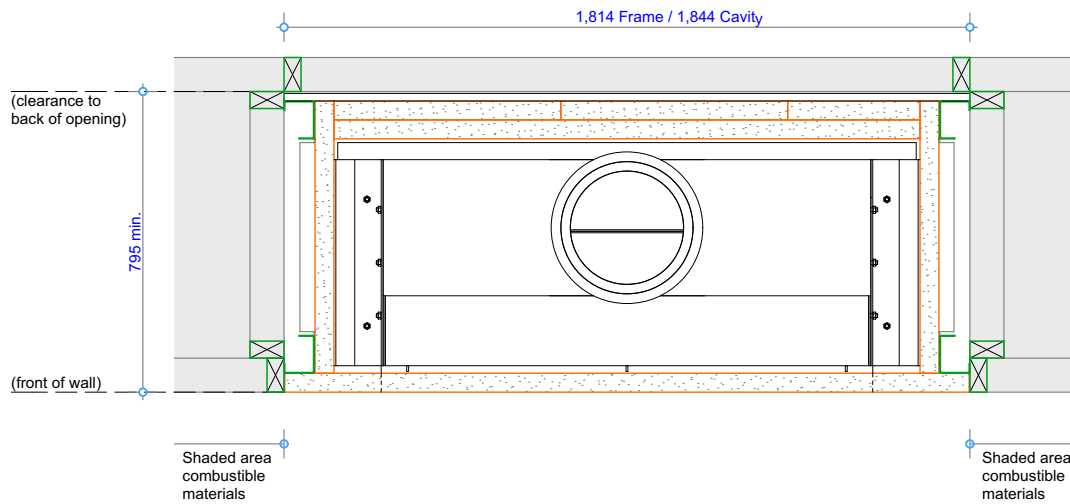


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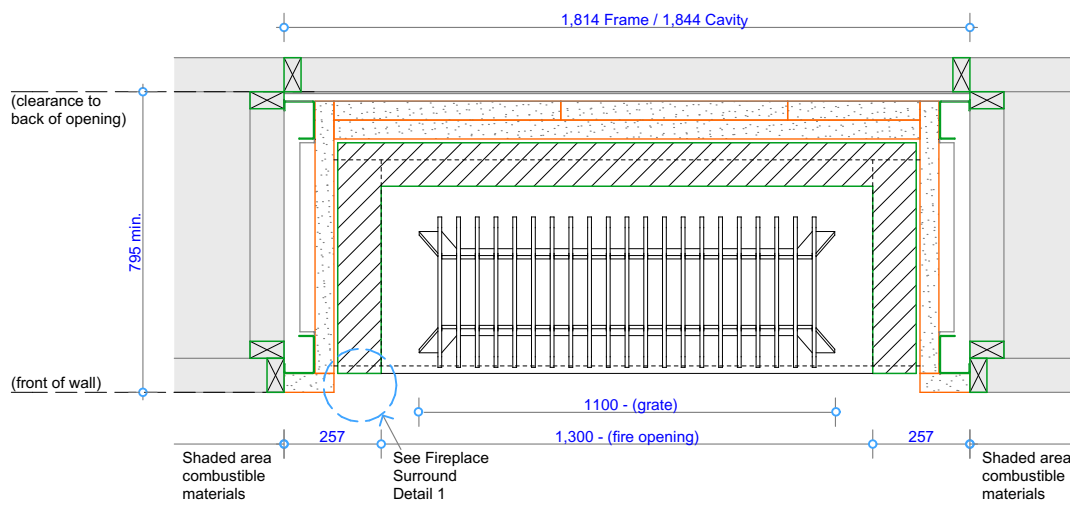
Client: THE FIRE DEPT.		
Product: WD1OF-1300		
Title: STEEL SUPPORT FRAME DIMENSIONS		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4



Drawing No.	<b>WD1OF-1300-902</b>	Sheet 02 of 14	Revision <span style="border: 1px solid black; padding: 2px;">4</span>
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Plan View - Fire Insert (above fire gather)



Plan View - Fire Insert (below fire gather)

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Client: THE FIRE DEPT.		
Product: WD1OF-1300		
Title: CAVITY CLEARANCES - TIMBER		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4

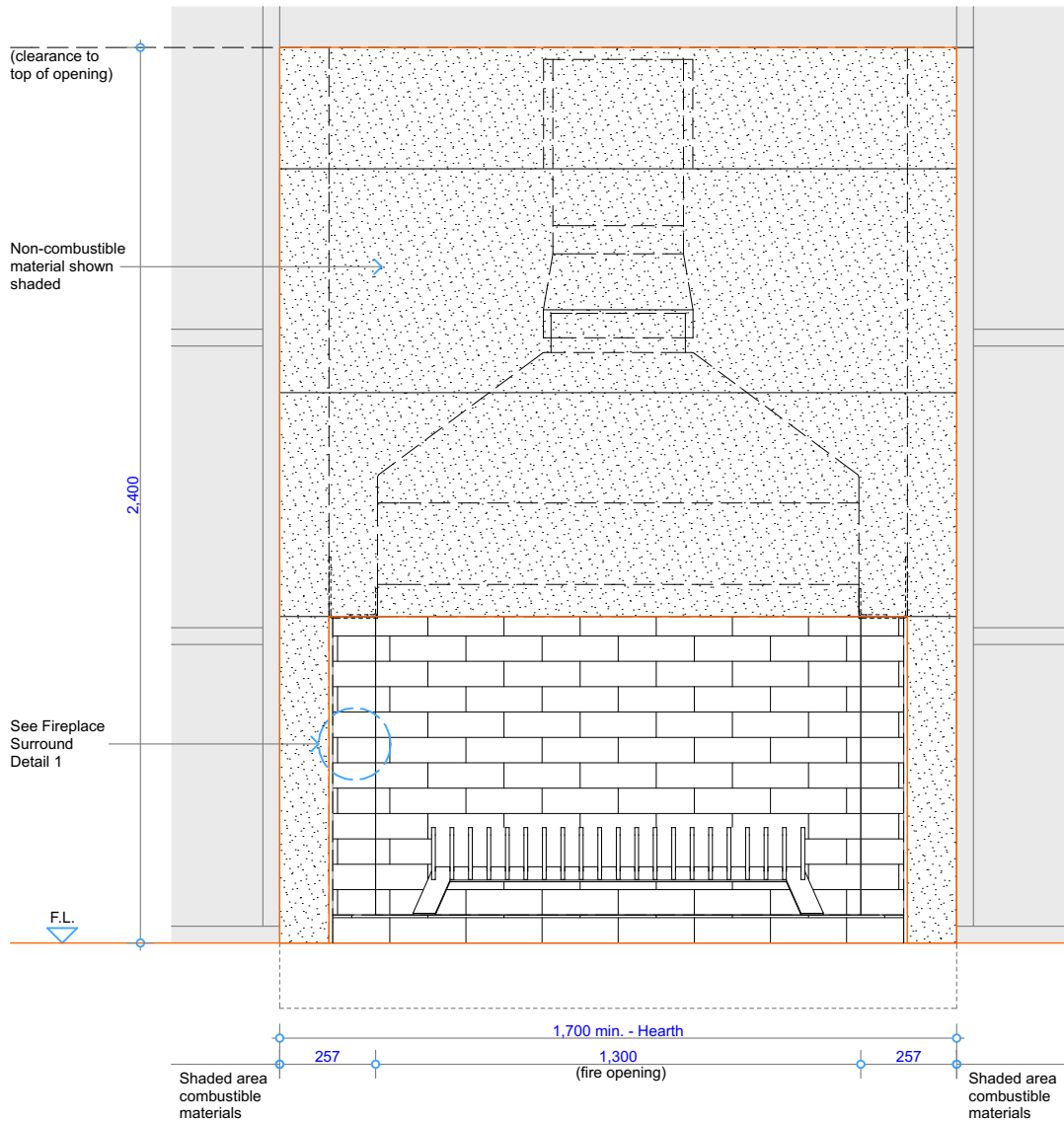


Drawing No. **WD1OF-1300-903**

Sheet 03 of 14

Revision

4



Front View - Fire Insert

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Client: THE FIRE DEPT.

Product: WD1OF-1300

Title: CAVITY CLEARANCES - TIMBER

Drawn: SR

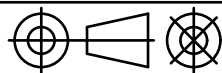
Date: 31/05/2018

Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018



Scale: on A4

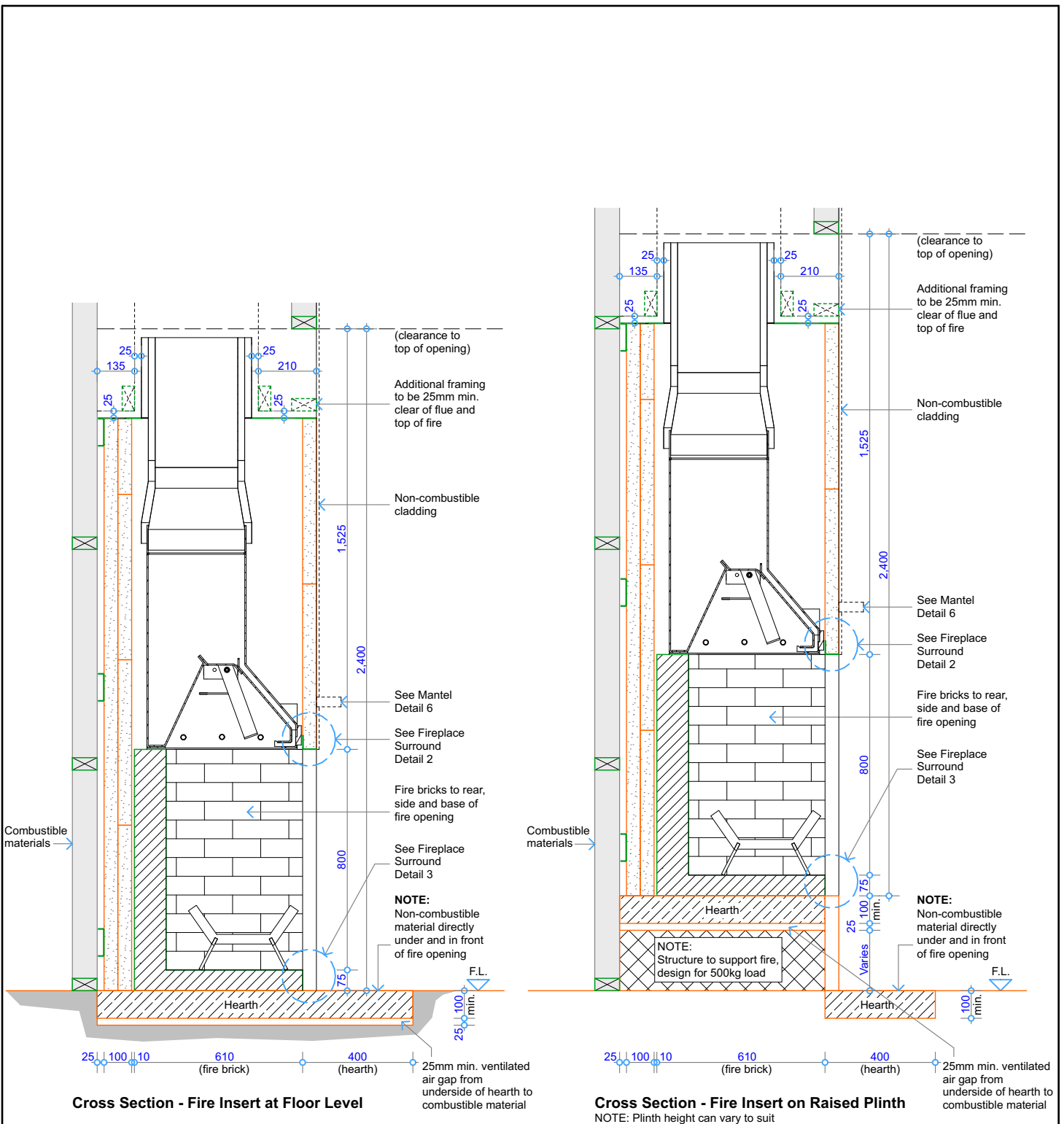
**THE FIRE DEPT.**

Drawing No. **WD1OF-1300-904**

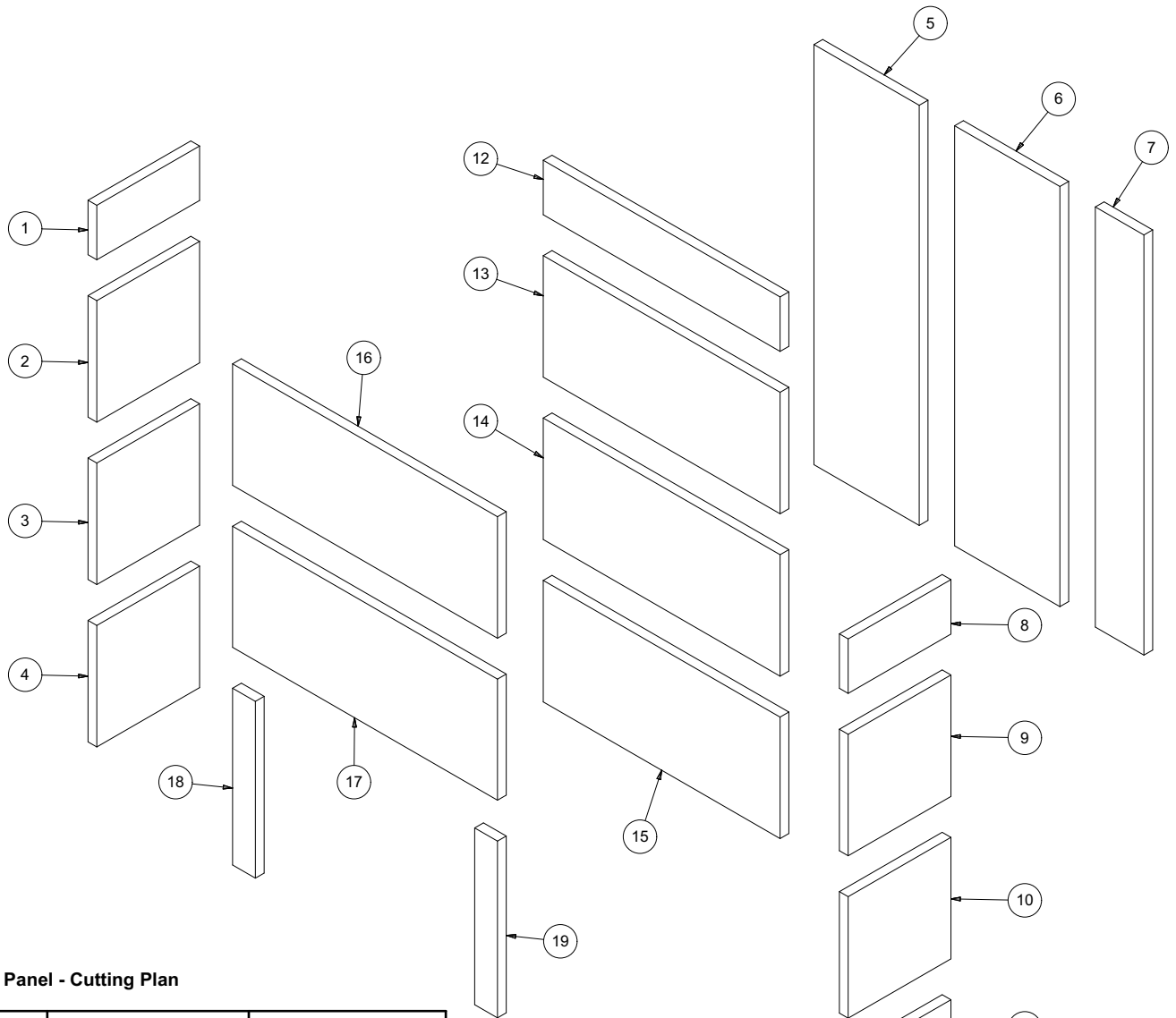
Sheet 04 of 14

Revision

4



COPYRIGHT © THIS DRAWING IS THE PROPERTY OF The Fire Dept.	Client: THE FIRE DEPT.			<b>THE FIRE DEPT.</b>
	Product: WD1OF-1300			
	Title: CAVITY CLEARANCES - TIMBER			
	Drawn: SR	Date: 31/05/2018	Scale: on A4	
	Chkd: JW	Date: 31/05/2018		
Appd: JW	Date: 31/05/2018			
Drawing No.	<b>WD1OF-1300-905</b>		Sheet 05 of 14	Revision <span style="border: 1px solid black; padding: 2px;">4</span>



**Celcrete Panel - Cutting Plan**

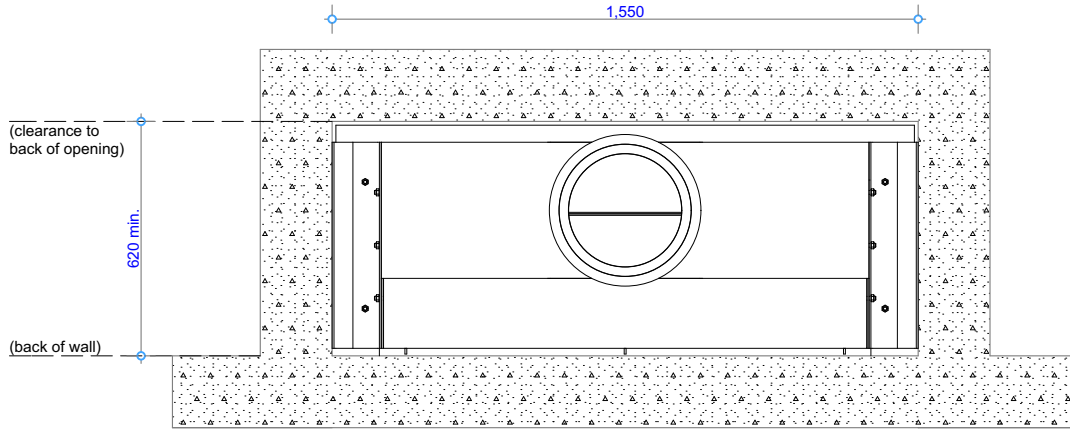
ITEM	QTY	DESCRIPTION	MEASUREMENT
1	1	Side panel 1	720mm x 275mm
2	1	Side panel 2	720mm x 600mm
3	1	Side panel 3	720mm x 600mm
4	1	Side panel 4	720mm x 600mm
5	1	Back panel 1	600mm x 2075mm
6	1	Back panel 2	600mm x 2075mm
7	1	Back panel 3	350mm x 2075mm
8	1	Side panel 5	720mm x 275mm
9	1	Side panel 6	720mm x 600mm
10	1	Side panel 7	720mm x 600mm
11	1	Side panel 8	720mm x 600mm
12	1	Back panel 4	275mm x 1550mm
13	1	Back panel 5	600mm x 1550mm
14	1	Back panel 6	600mm x 1550mm
15	1	Back panel 7	600mm x 1550mm
16	1	Front panel 1	600mm x 1810mm
17	1	Front panel 2	600mm x 1810mm
18	1	Front panel 3	130mm x 875mm
19	1	Front panel 4	130mm x 875mm

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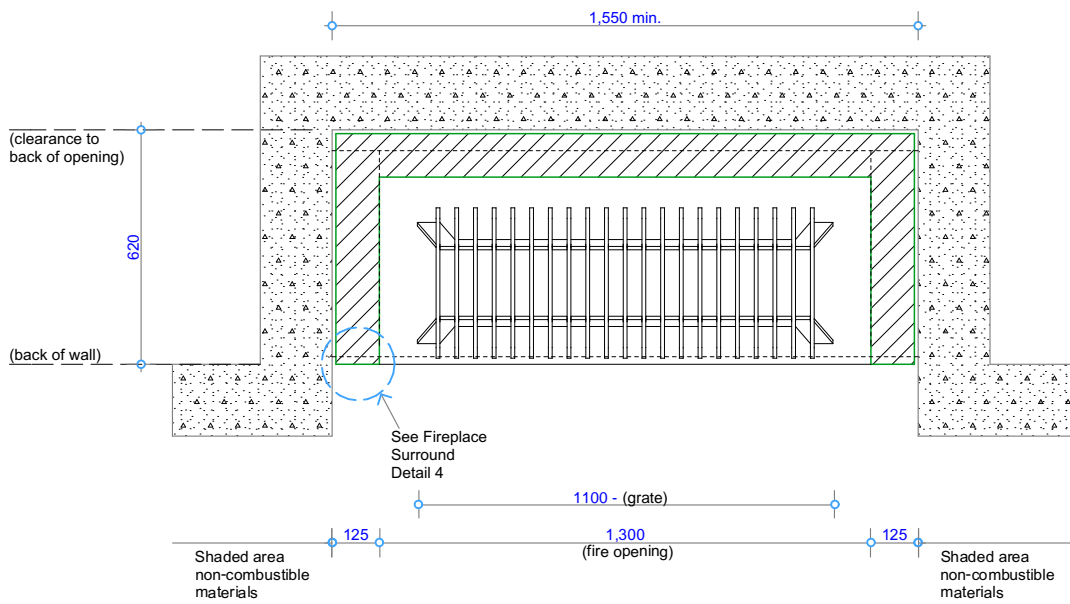
Client: THE FIRE DEPT.		
Product: WD1OF-1300		
Title: CELCRETE CUTTING PLAN - TIMBER CAVITY		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4



Drawing No.	<b>WD1OF-1300-906</b>	Sheet 06 of 14	Revision <span style="border: 1px solid black; padding: 2px;">4</span>
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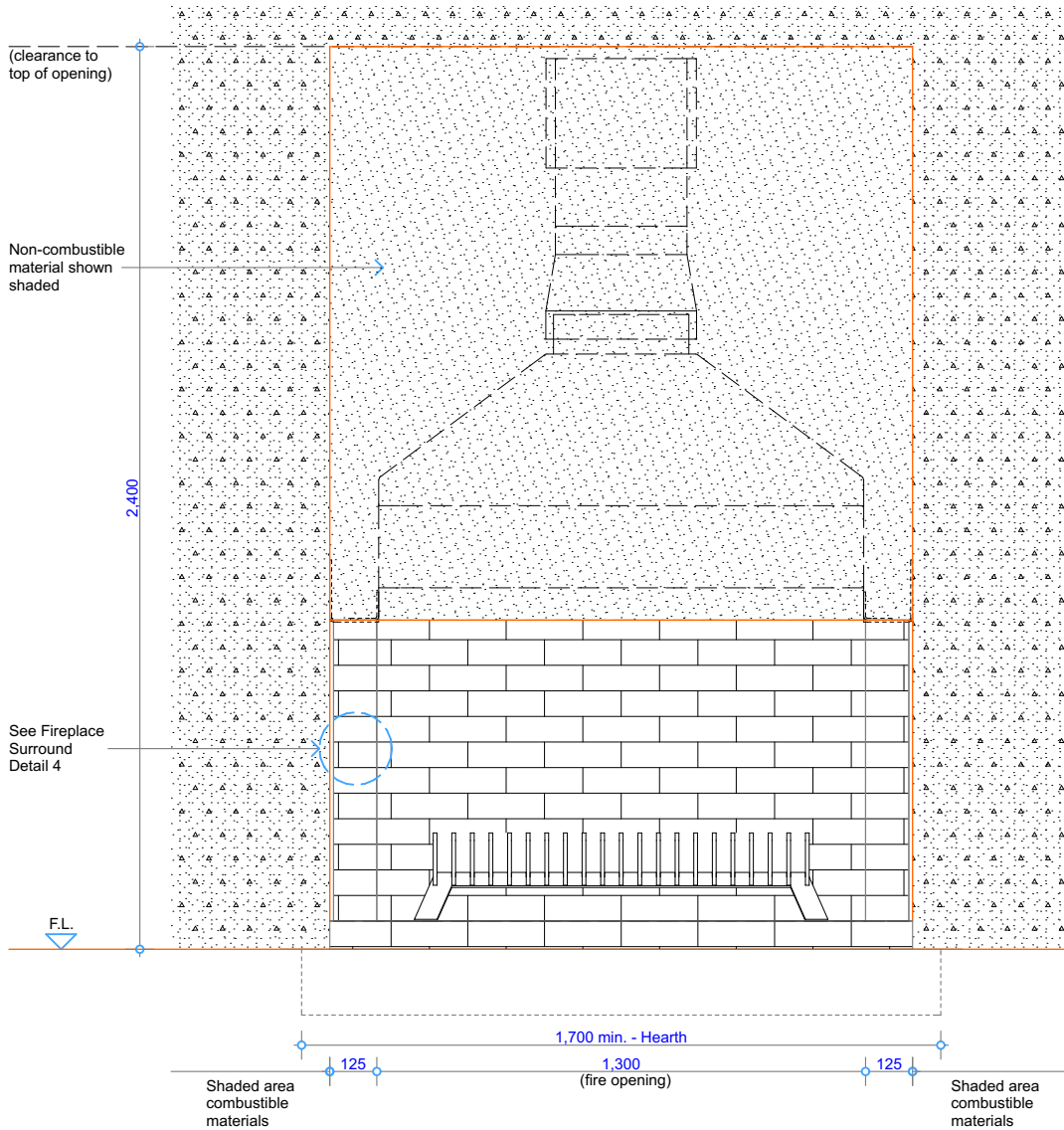
Plan View - Fire Insert (above fire gather)



Plan View - Fire Insert (below fire gather)

COPYRIGHT© THIS DRAWING IS THE PROPERTY OF The Fire Dept.	Client: THE FIRE DEPT.		
	Product: WD1OF-1300		
	Title: CAVITY CLEARANCES - CONCRETE		
	Drawn: SR	Date: 31/05/2018	
	Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	Scale: on A4	
Drawing No.	WD1OF-1300-907	Sheet 07 of 14	Revision <span style="border: 1px solid black; padding: 2px;">4</span>





Front View - Fire Insert

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Client: THE FIRE DEPT.

Product: WD1OF-1300

Title: CAVITY CLEARANCES - CONCRETE

Drawn: SR

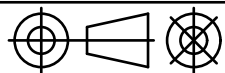
Date: 31/05/2018

Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018



Scale: on A4

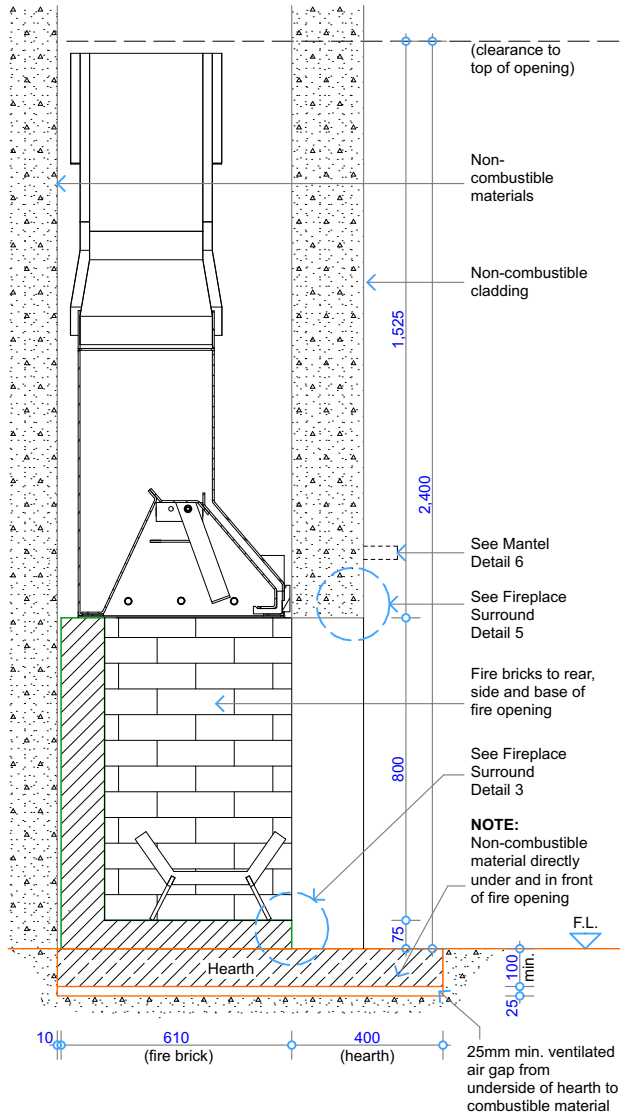
THE  
**FIRE  
DEPT.**

Drawing No. **WD1OF-1300-908**

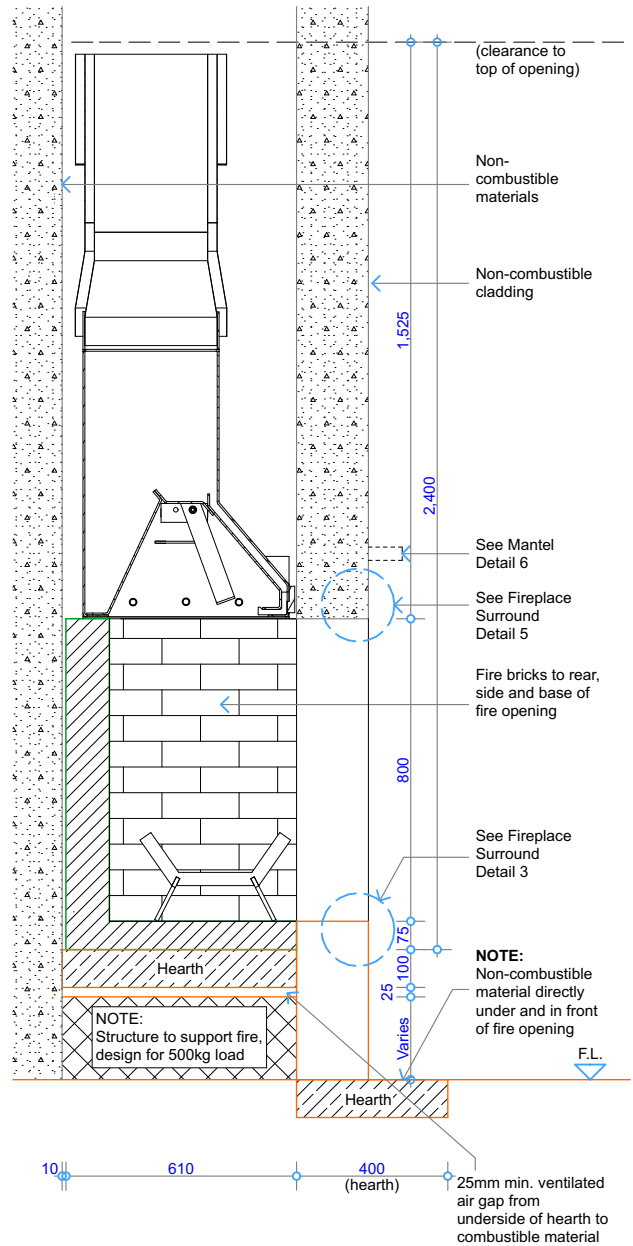
Sheet 08 of 14

Revision

4



Cross Section - Fire Insert at Floor Level



Cross Section - Fire Insert at Floor Level

**NOTE:**  
Room requires air inlet equal to 100,000mm<sup>2</sup>.

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Client: THE FIRE DEPT.

Product: WD1OF-1300

Title: CAVITY CLEARANCES - CONCRETE

Drawn: SR

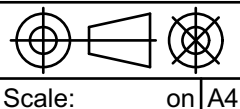
Date: 31/05/2018

Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018

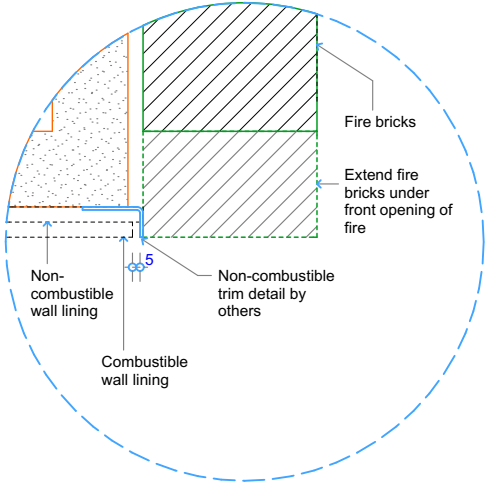


Drawing No. **WD1OF-1300-909**

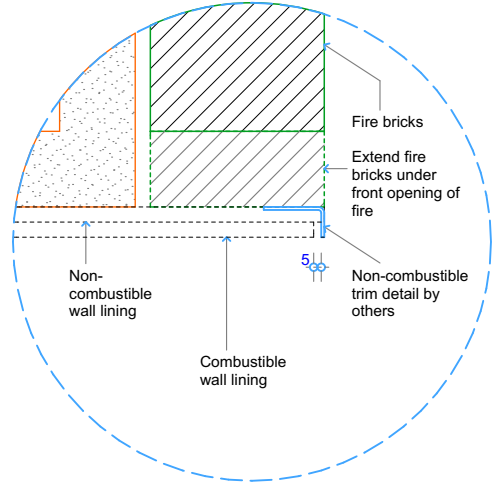
Sheet 09 of 14

Revision

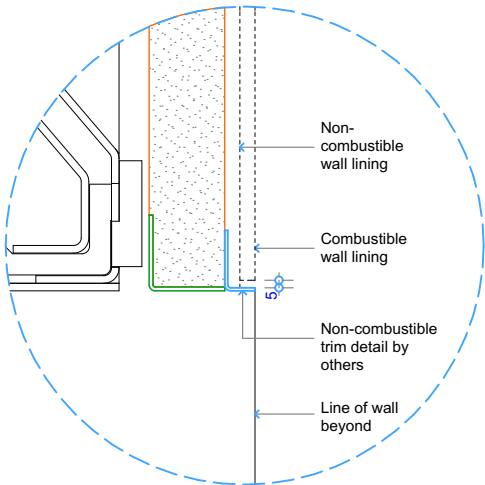
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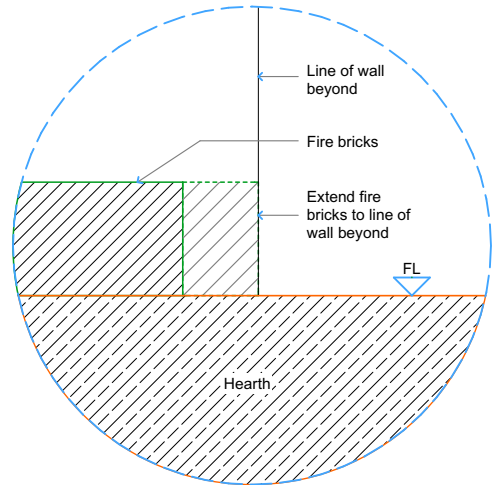
**Detail 1 - Plan View Fire Surround Opt. 1  
Timber Cavity**



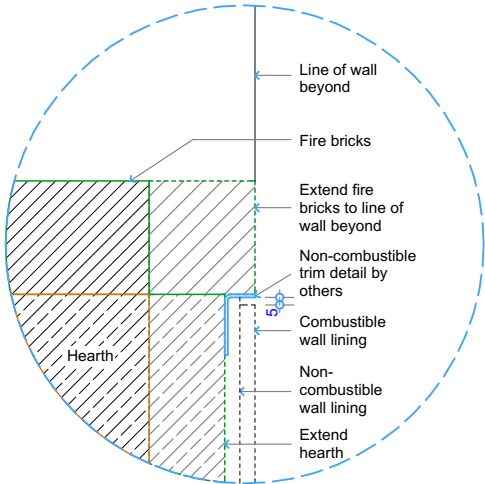
**Detail 1 - Plan View Fire Surround Opt. 2  
Timber Cavity**



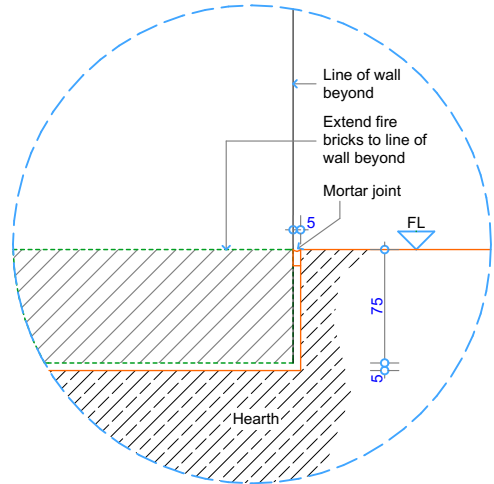
**Detail 2 - Cross Section Fire Surround Opt. 3  
Timber Cavity**



**Detail 3 - Cross Section Fire Surround Opt. 4  
Timber Cavity**



**Detail 3 - Cross Section Fire Surround Opt. 5  
Timber Cavity**



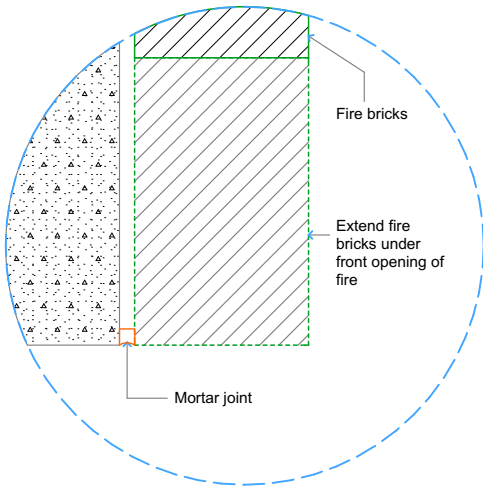
**Detail 3 - Cross Section Fire Surround Opt. 6  
Concrete Cavity**

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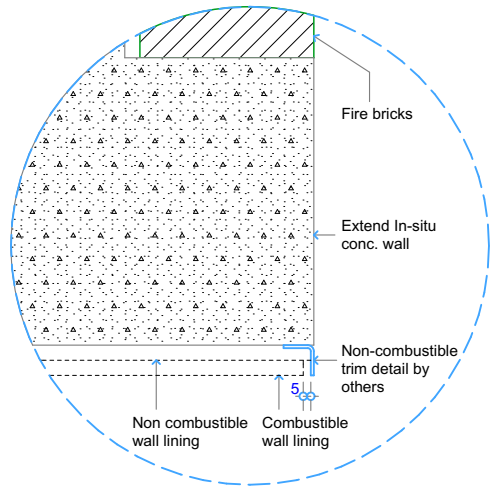
Client: THE FIRE DEPT.		
Product: WD1OF-1300		
Title: SURROUND DETAILS		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4



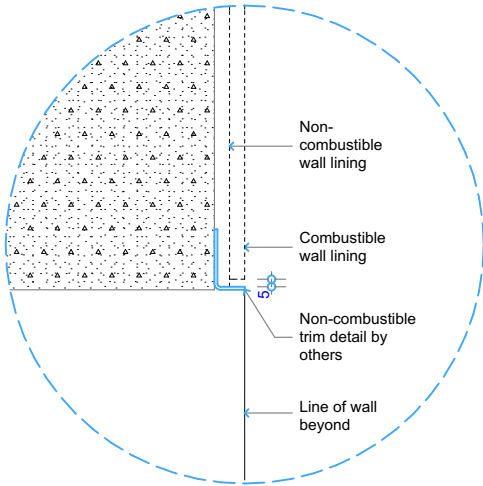
Drawing No.	<b>WD1OF-1300-910</b>	Sheet 10 of 14	Revision <span style="border: 1px solid black; padding: 2px;">4</span>
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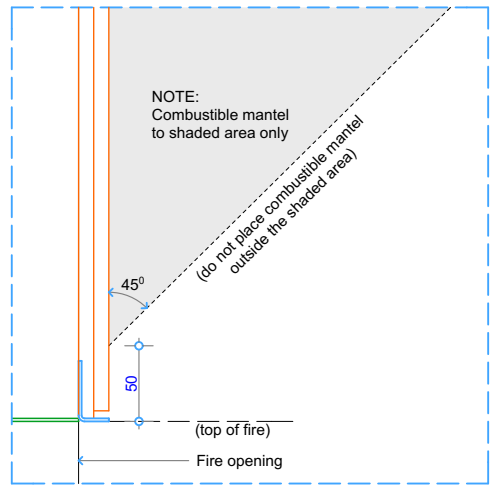
**Detail 4 - Plan View Fire Surround Opt. 7  
Concrete Cavity**



**Detail 4 - Plan View Fire Surround Opt. 8  
Concrete Cavity**



**Detail 5 - Cross Section Fire Surround Opt. 9  
Concrete Cavity**



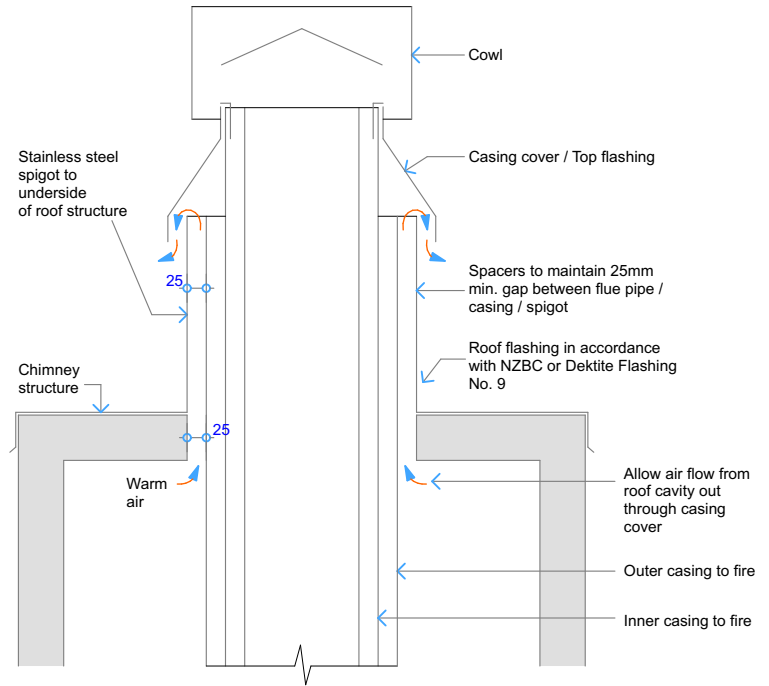
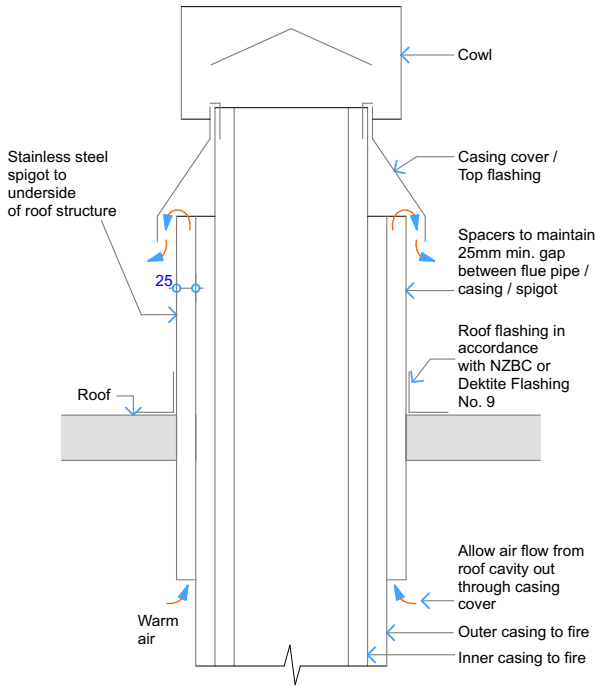
**Detail 6 - Top of Fire to Combustible Mantel**

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Client: THE FIRE DEPT.		
Product: WD1OF-1300		
Title: SURROUND DETAILS		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4



Drawing No.	<b>WD1OF-1300-911</b>	Sheet 11 of 14	Revision <span style="border: 1px solid black; padding: 2px;">4</span>
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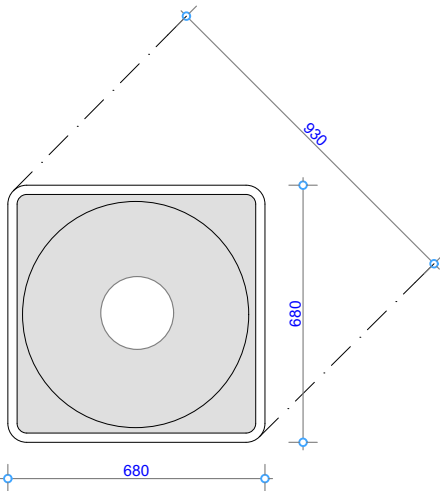


**Detail Roof - Air Ventilation through Casing cover/ Top flashing**

**Detail Chimney - Air Ventilation through Casing cover/ Top flashing Opt. 2**

Flue components:  
 300mm dia. Flue  
 350mm dia. Inner Casing  
 400mm dia. Outer Casing  
 450mm dia. S/S Spigot  
 Deklite Flashing No. 9

**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 2.4m crs.



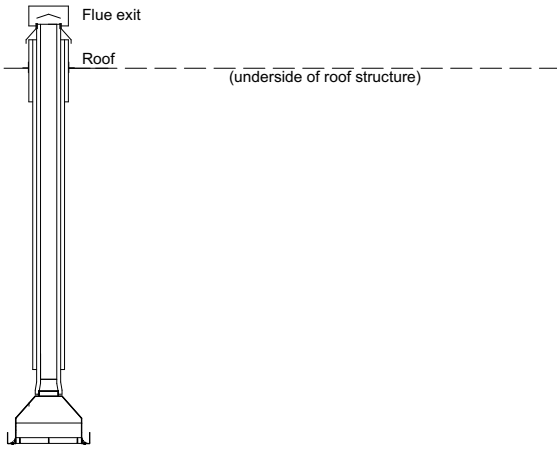
**Dektite Flashing No. 9 - Plan View**

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Client: THE FIRE DEPT.		
Product: WD1OF-1300		
Title: VERTICAL FLUE EXIT DETAILS		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4

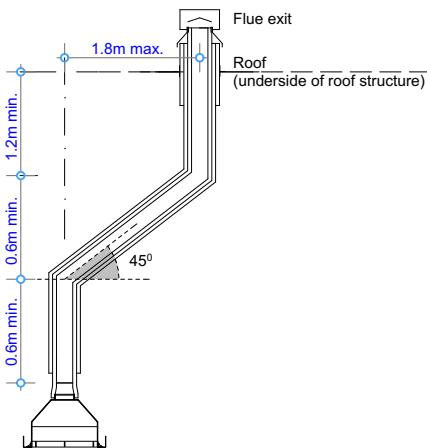


Drawing No.	<b>WD1OF-1300-912</b>	Sheet 12 of 14	Revision <span style="border: 1px solid black; padding: 2px;">4</span>
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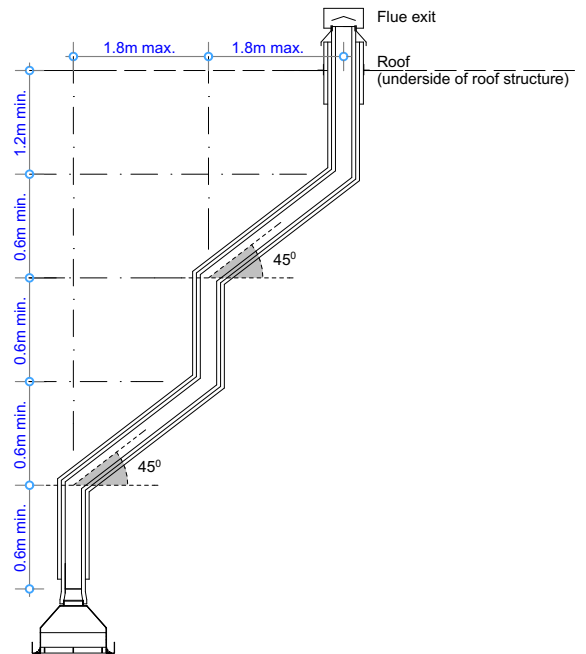
**Vertical Flue Combination WD1A**

**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.



**Vertical Flue Combination WD1B**

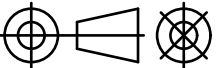
**NOTE:**  
 Flue components must be installed to AS/NZS2918:2001 requirements.  
 All external penetration flashings must be installed in accordance with NZBC.  
 Cavity airflow must be unobstructed from fire box to flue termination.  
 25mm clearance between flue and combustible materials.  
 75mm 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.



**Vertical Flue Combination WD1C**

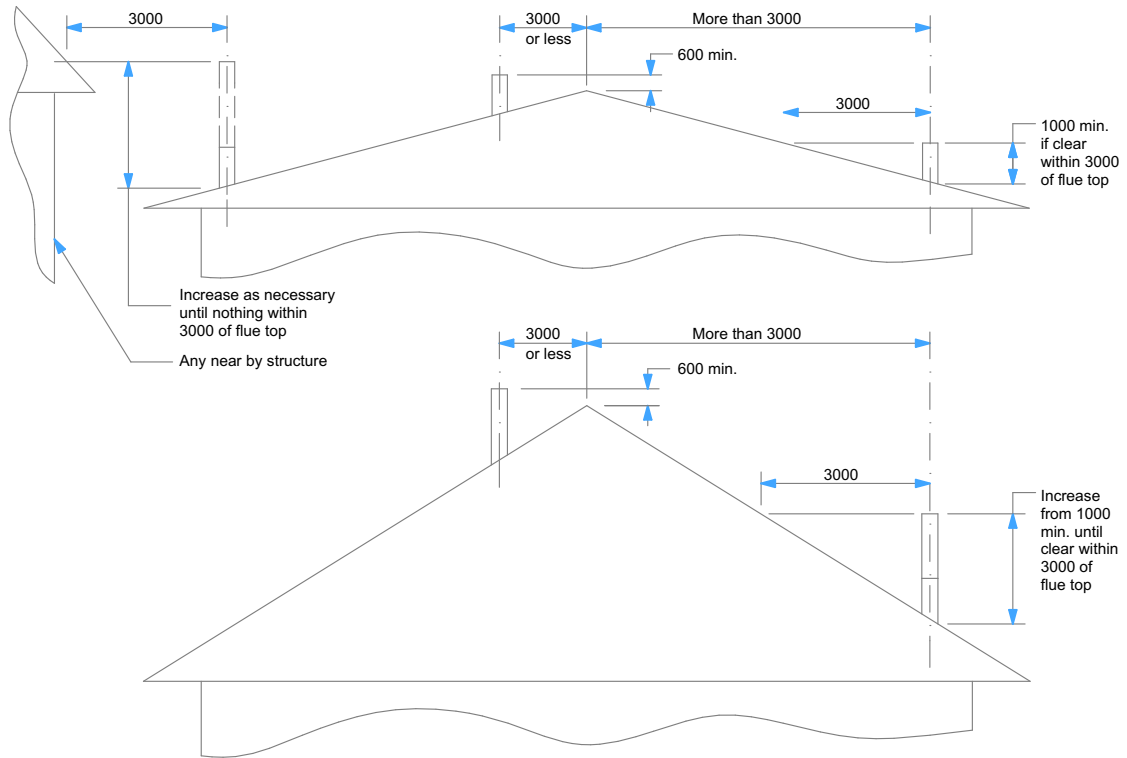
**NOTE:**  
 Flue components must be installed to AS/NZS2918:2001 requirements.  
 All external penetration flashings must be installed in accordance with NZBC.  
 Cavity airflow must be unobstructed from fire box to flue termination.  
 25mm clearance between flue and combustible materials.  
 75mm 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.

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Client: THE FIRE DEPT.		
Product: WD1OF-1300		
Title: VERTICAL FLUE COMBINATION OPTIONS		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4



Drawing No.	<b>WD1OF-1300-913</b>	Sheet 13 of 14	Revision <span style="border: 1px solid black; padding: 2px;">4</span>
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**Minimum Height of Flue System Exit**  
Or as per AS/NZS 2918:2001

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Client: THE FIRE DEPT.		
Product: WD1OF-1300		
Title: FLUE EXIT CLEARANCES		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4



Drawing No.	<b>WD1OF-1300-914</b>	Sheet 14 of 14	Revision <span style="border: 1px solid black; padding: 2px;">4</span>
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