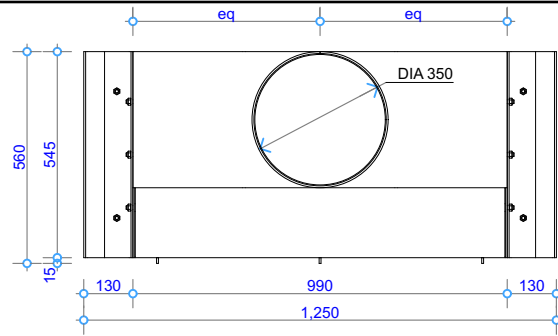




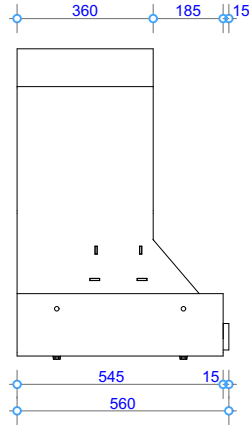
# **WD1 – 1000 Open Front, Left & Right**

## **Specifications**

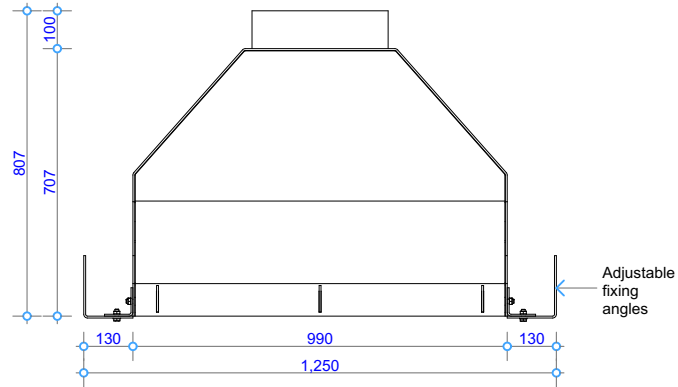
Information in this specification may be subject to change without notice. Please ensure you have the current version before beginning installation.



Plan View

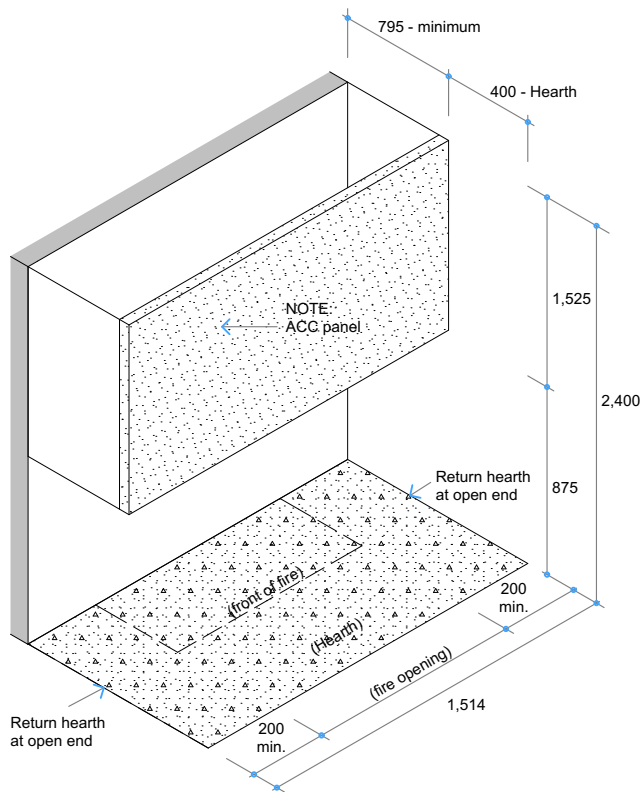


Side View



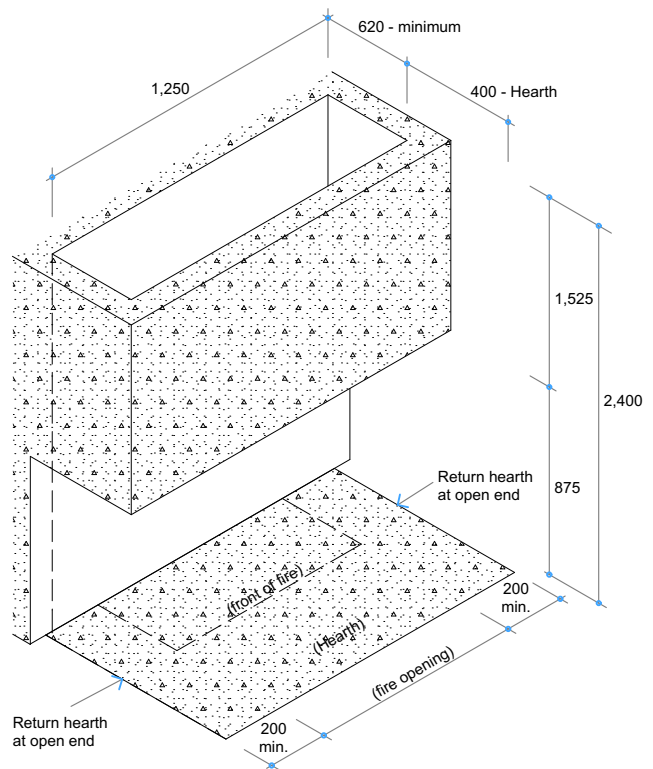
Front View

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: WD10U-1000

Title: FIRE DIMENSIONS

Drawn: SR

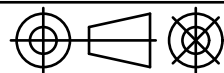
Date: 31/05/2018

Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018



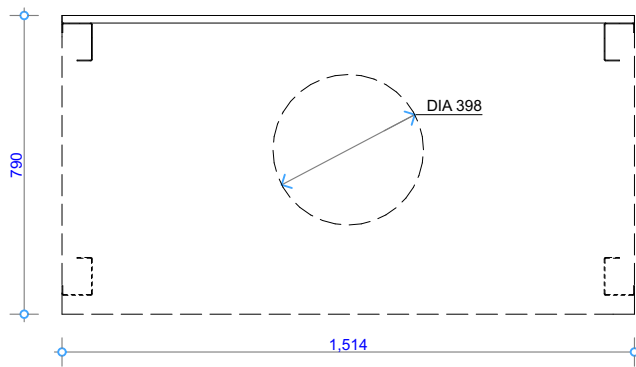
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**FIRE  
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Drawing No. **WD10U-1000-901**

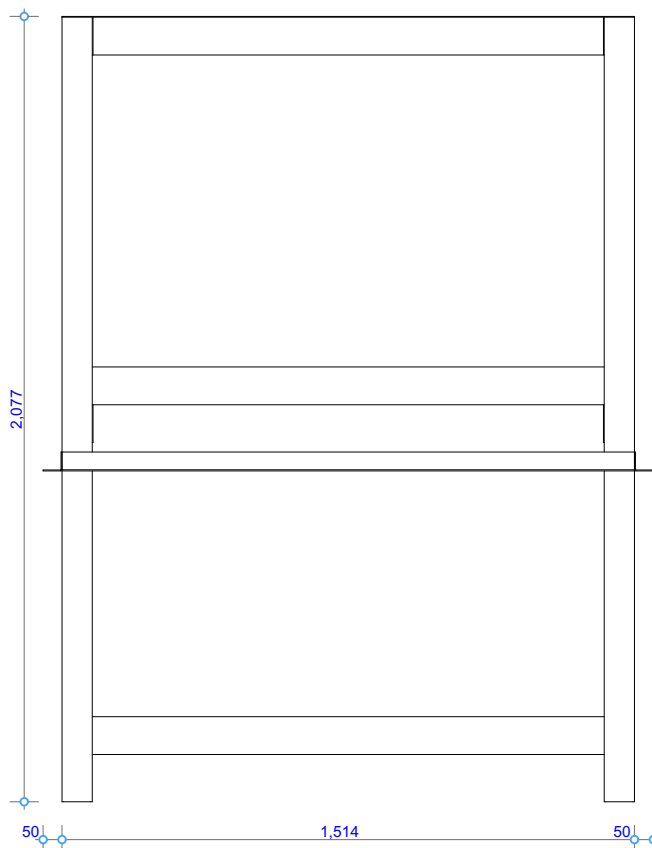
Sheet 01 of 14

Revision **4**

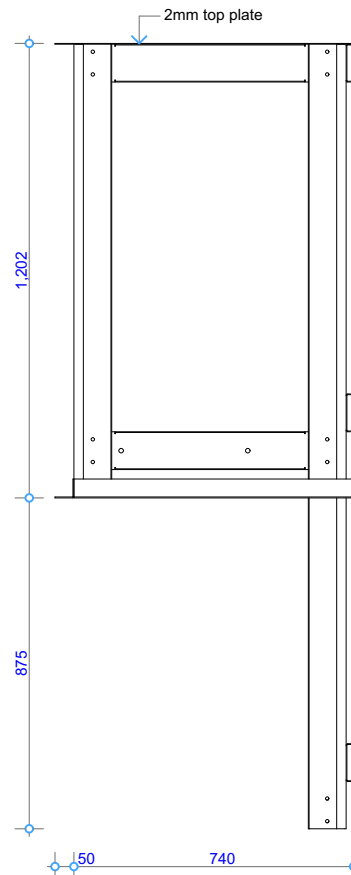


Plan View

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Front View



Side View

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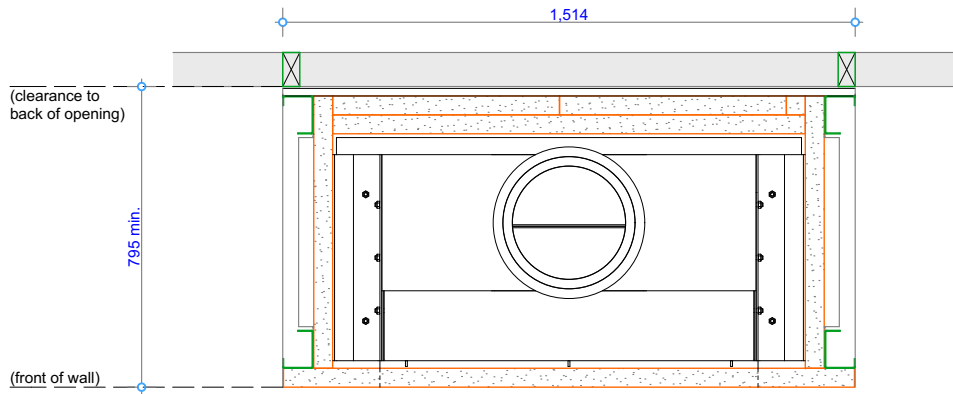
Client: THE FIRE DEPT.		
Product: WD1OU-1000		
Title: STEEL SUPPORT FRAME DIMENSIONS		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4

**THE FIRE DEPT.**

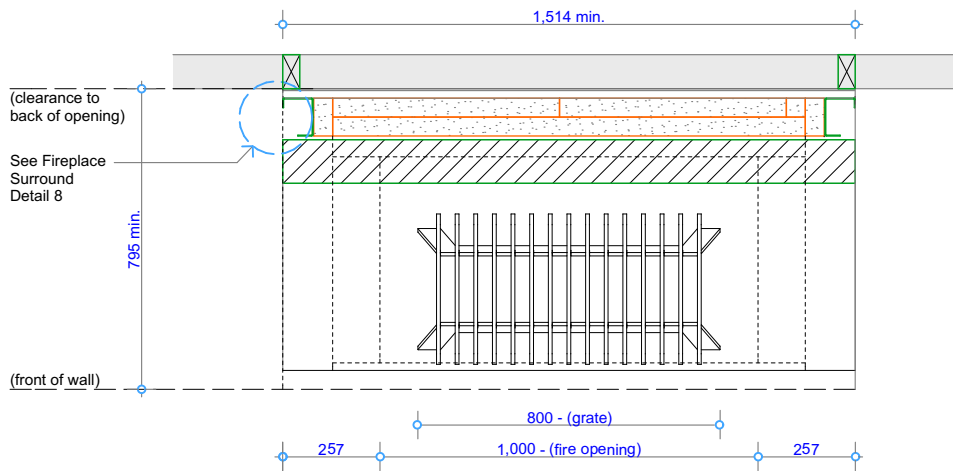
Drawing No. **WD1OU-1000-902**

Sheet 02 of 14

Revision **4**



Plan View - Fire Insert (above fire gather)



Plan View - Fire Insert (below fire gather)

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Client: THE FIRE DEPT.

Product: WD1OU-1000

Title: CAVITY CLEARANCES - TIMBER

Drawn: SR

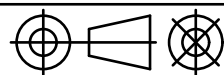
Date: 31/05/2018

Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018



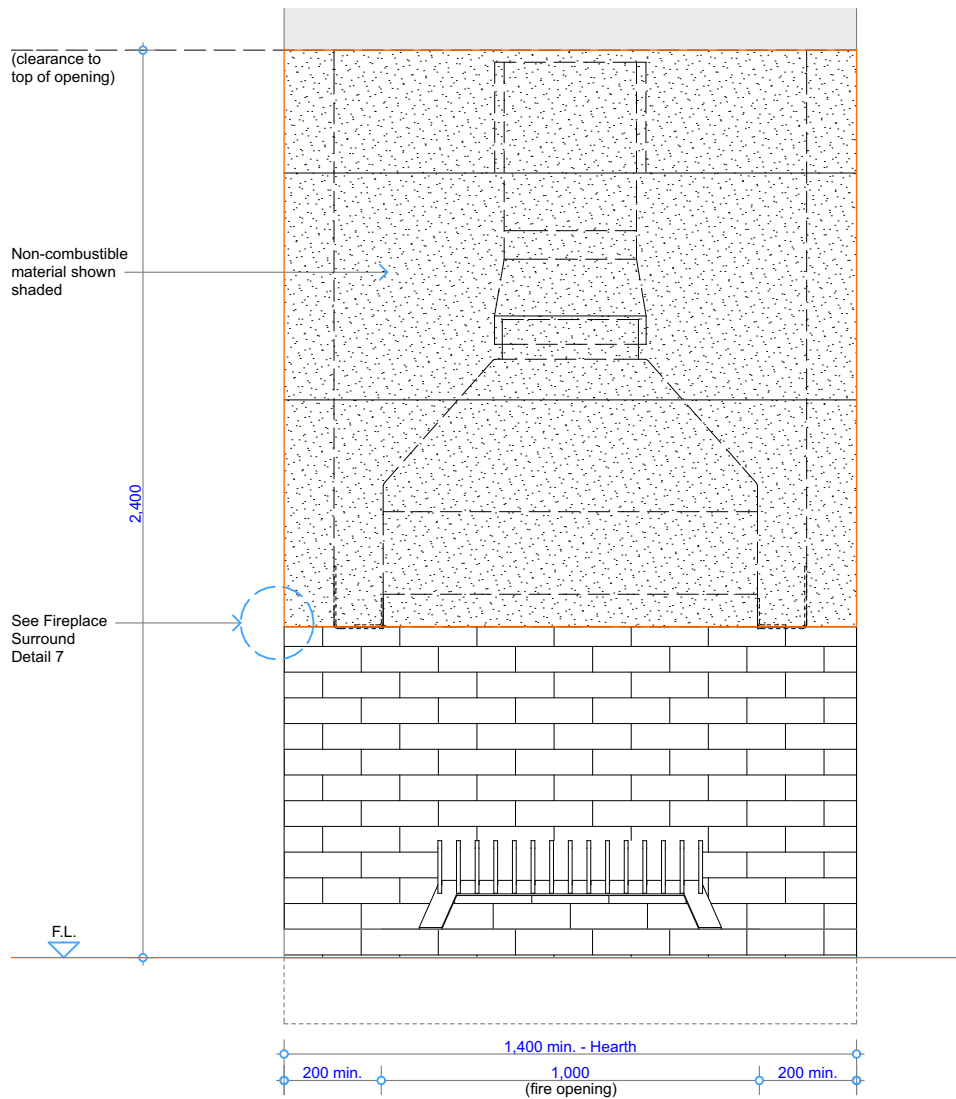
**THE FIRE DEPT.**

Drawing No. **WD1OU-1000-903**

Sheet 03 of 14

Revision

4



Front View - Fire Insert

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Client: THE FIRE DEPT.

Product: WD1OU-1000

Title: CAVITY CLEARANCES - TIMBER

Drawn: SR

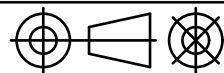
Date: 31/05/2018

Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018



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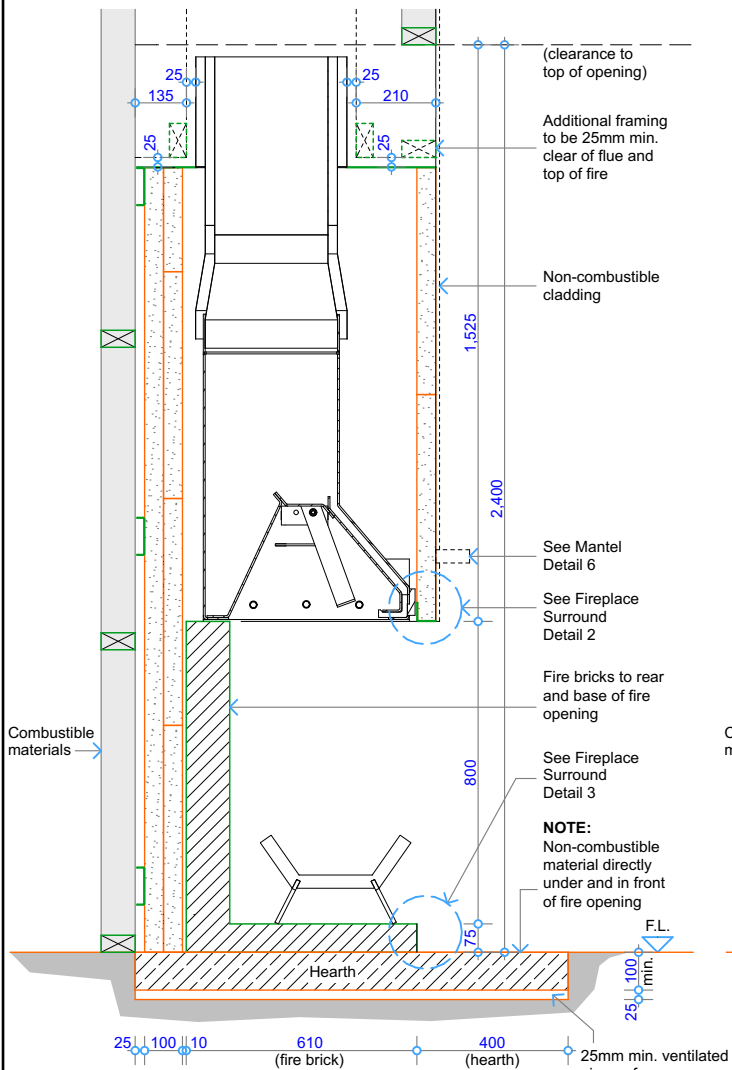
THE  
**FIRE  
DEPT.**

Drawing No. **WD1OU-1000-904**

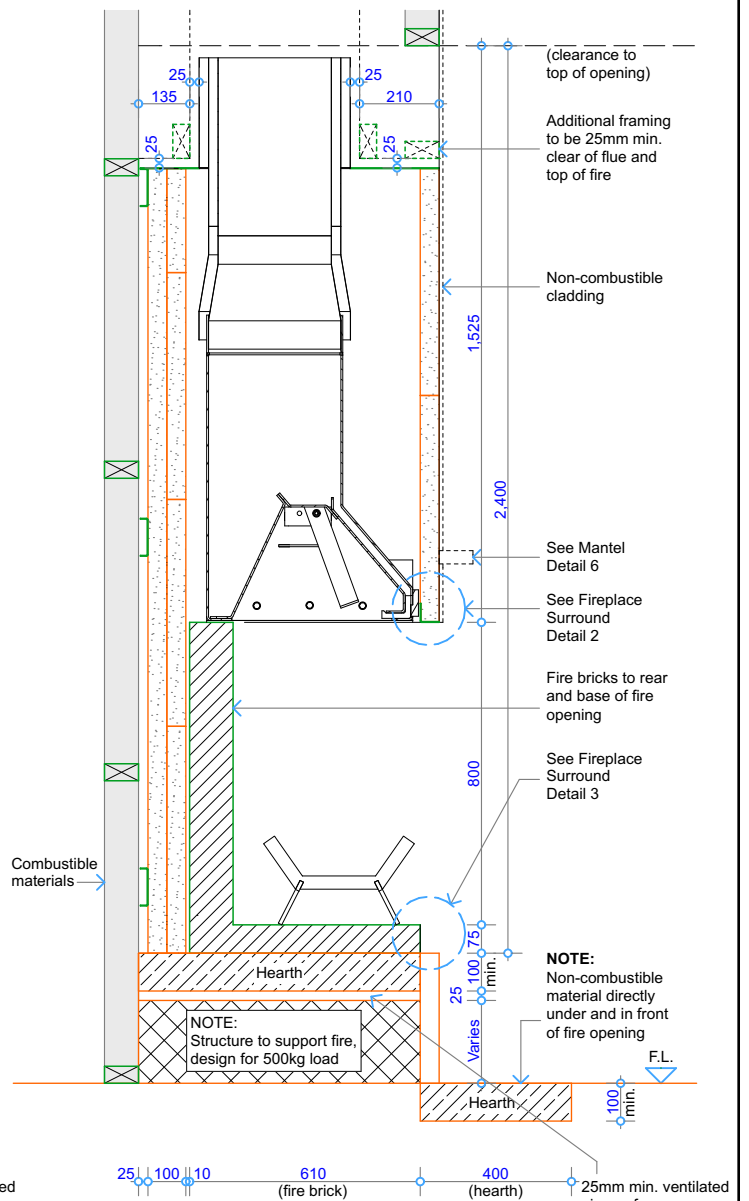
Sheet 04 of 14

Revision

4



**Cross Section - Fire Insert at Floor Level**



**Cross Section - Fire Insert on Raised Plinth**

**NOTE:** Plinth height can vary to suit

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

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Client: THE FIRE DEPT.

Product: WD1OU-1000

Title: CAVITY CLEARANCES - TIMBER

Drawn: SR

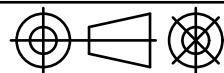
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Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018



Scale: on A4

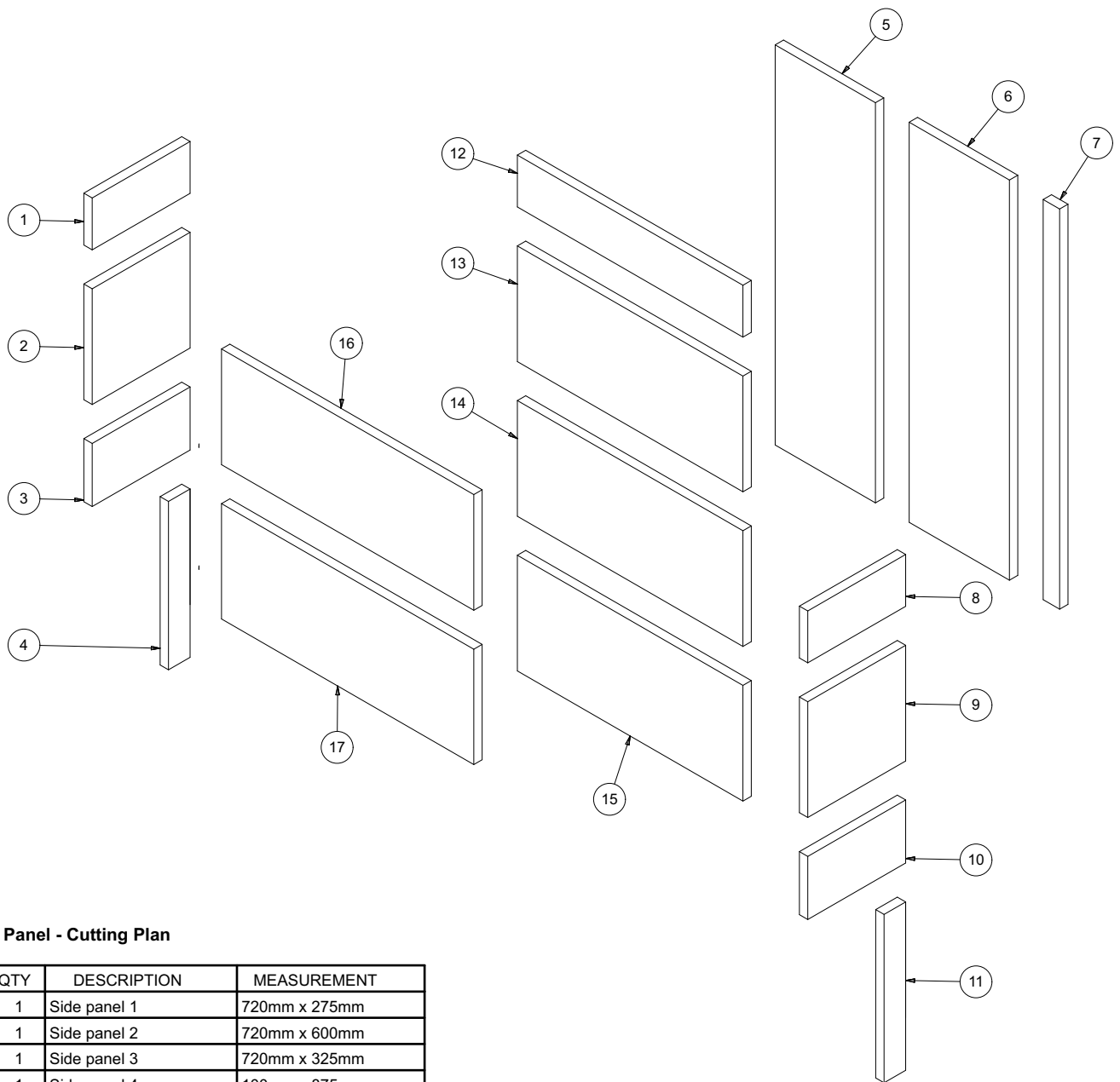
THE  
**FIRE  
DEPT.**

Drawing No. **WD1OU-1000-905**

Sheet 05 of 14

Revision

4



**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 325mm
4	1	Side panel 4	100mm x 875mm
5	1	Back panel 1	600mm x 2075mm
6	1	Back panel 2	600mm x 2075mm
7	1	Back panel 3	50mm 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 325mm
11	1	Side panel 8	100mm x 875mm
12	1	Back panel 4	275mm x 1250mm
13	1	Back panel 5	600mm x 1250mm
14	1	Back panel 6	600mm x 1250mm
15	1	Back panel 7	600mm x 1250mm
16	1	Front panel 1	600mm x 1510mm
17	1	Front panel 2	600mm x 1510mm
18		Panel not required	
19		Panel not required	

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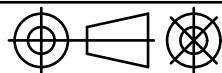
Client: THE FIRE DEPT.

Product: WD1OU-1000

Title: CELCRETE CUTTING PLAN - TIMBER CAVITY

Drawn: SR

Date: 31/05/2018



Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018

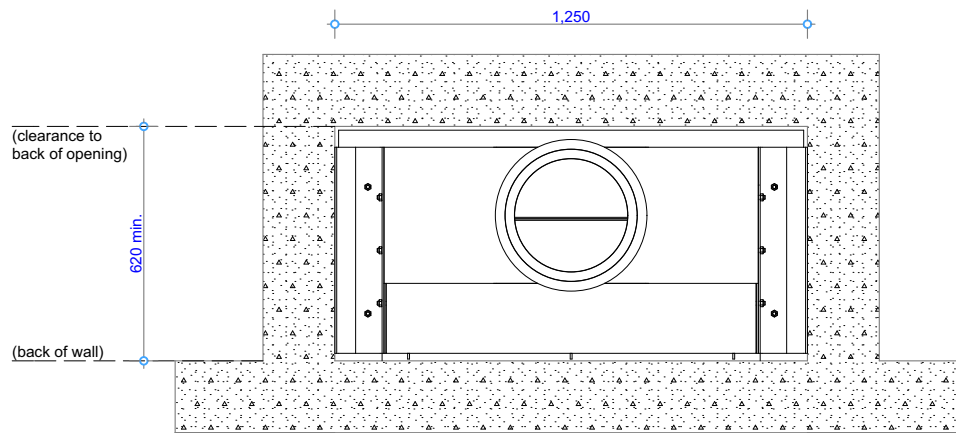
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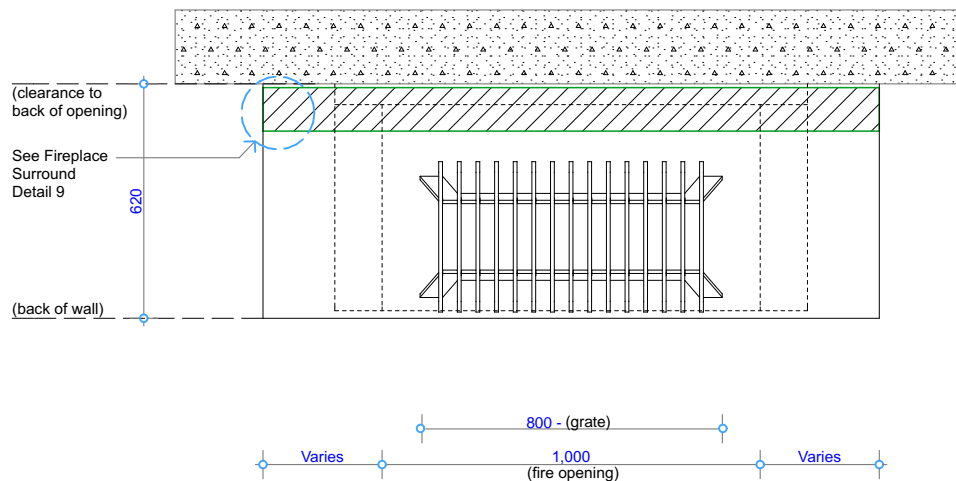
Drawing No. **WD1OU-1000-906**

Sheet 06 of 14

Revision **4**



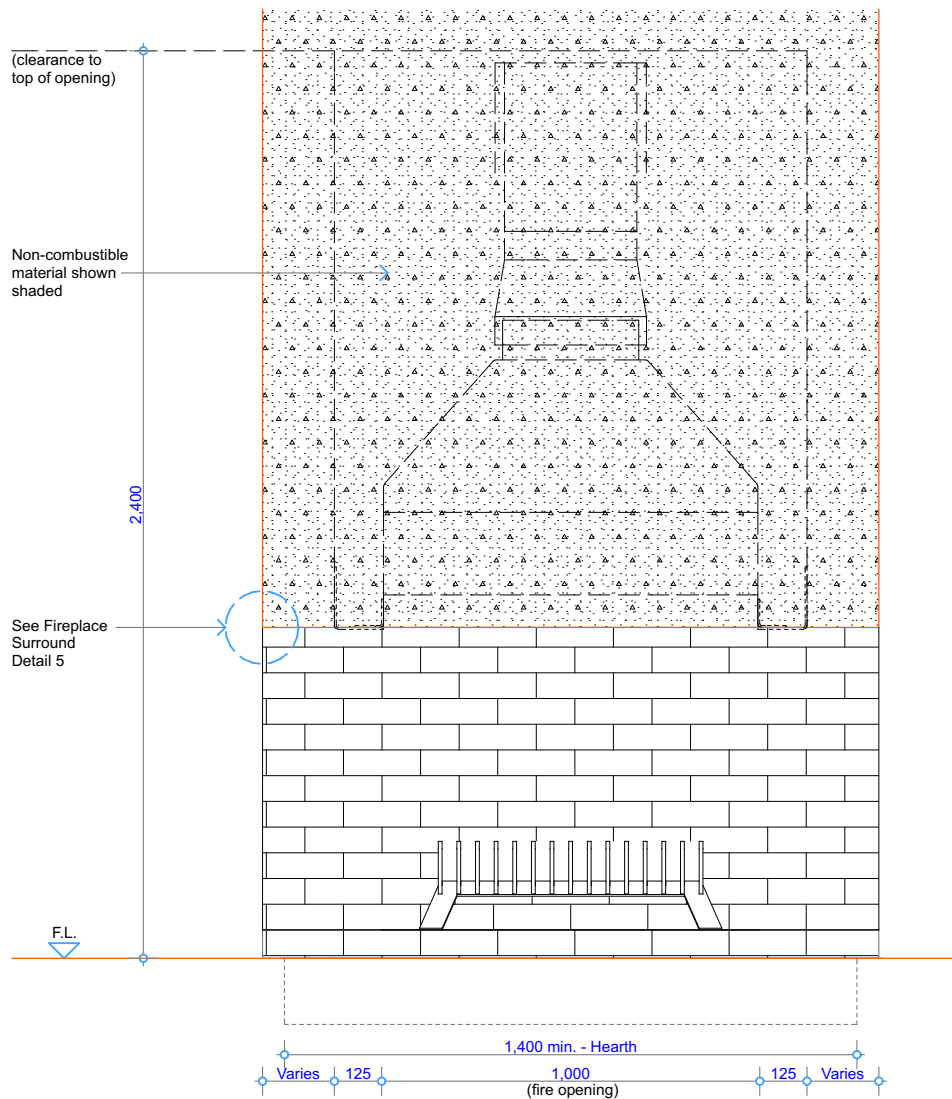
Plan View - Fire Insert (above fire gather)



Plan View - Fire Insert (below fire gather)

COPYRIGHT© THIS DRAWING IS THE PROPERTY OF <b>The Fire Dept.</b>	Client: THE FIRE DEPT.					<div>THE <b>FIRE DEPT.</b></div>		
	Product: WD1OU-1000							
	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.		WD1OU-1000-907			Sheet 07 of 14		Revision <div>4</div>	





Front View - Fire Insert

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Client: THE FIRE DEPT.

Product: WD1OU-1000

Title: CAVITY CLEARANCES - CONCRETE

Drawn: SR

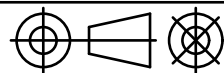
Date: 31/05/2018

Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018



Scale: on A4

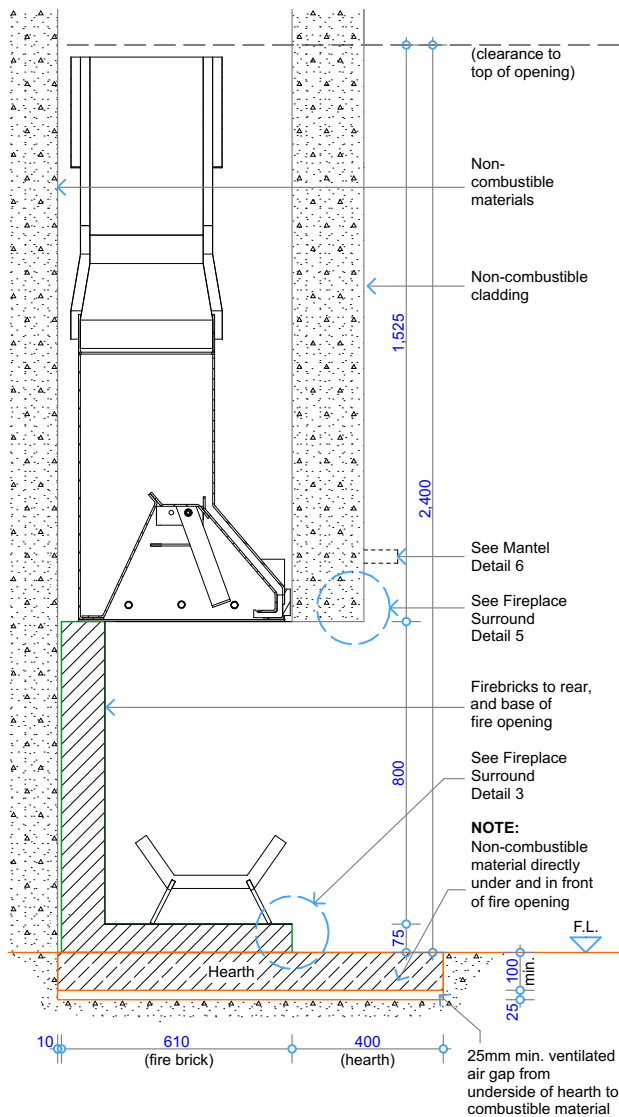
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**FIRE  
DEPT.**

Drawing No. **WD1OU-1000-908**

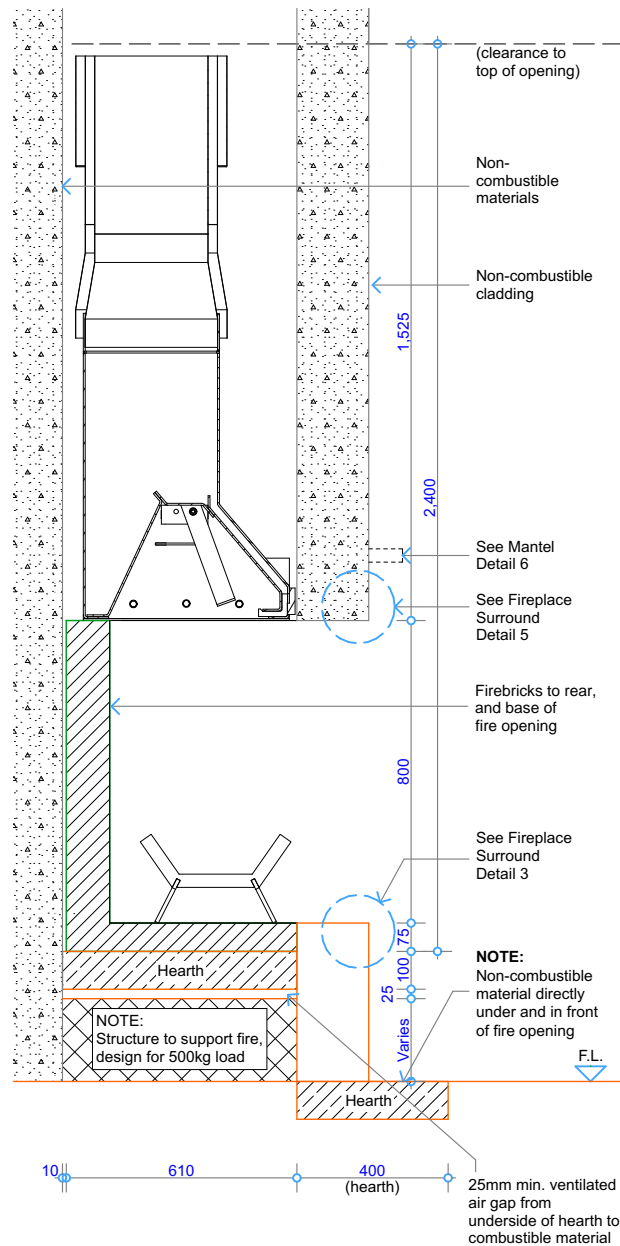
Sheet 08 of 14

Revision

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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: WD1OU-1000

Title: CAVITY CLEARANCES - CONCRETE

Drawn: SR

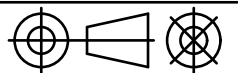
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Date: 31/05/2018

Appd: JW

Date: 31/05/2018



Scale: on A4

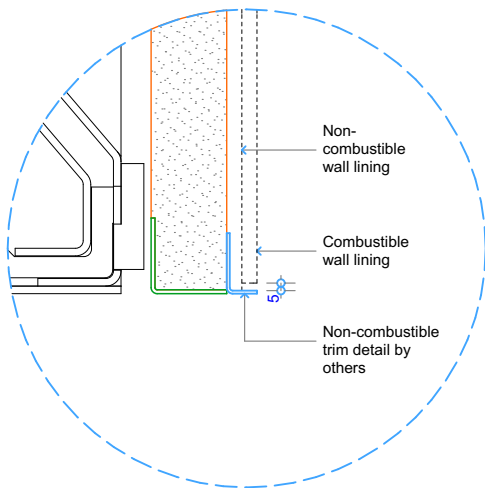
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**FIRE  
DEPT.**

Drawing No. **WD1OU-1000-909**

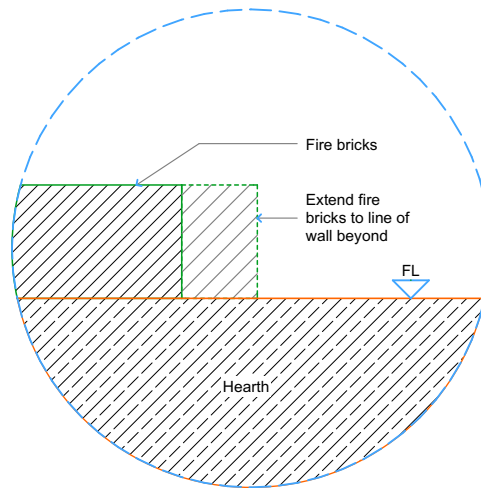
Sheet 09 of 14

Revision

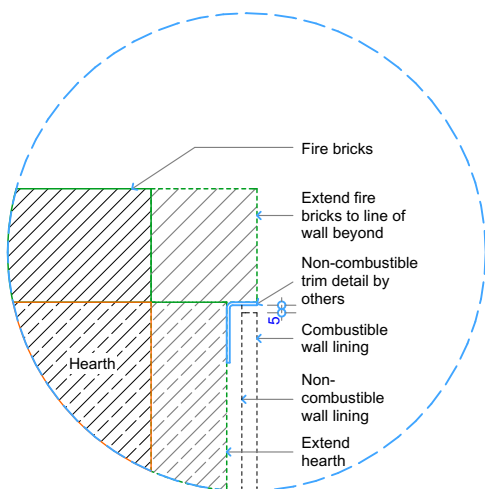
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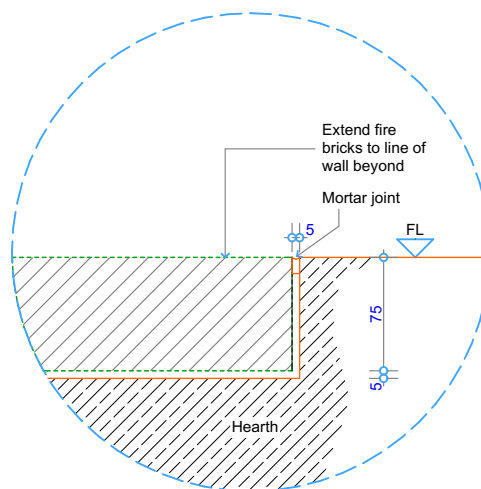
**Detail 2 - Cross Section Fire Surround Opt. 3  
Timber Cavity**



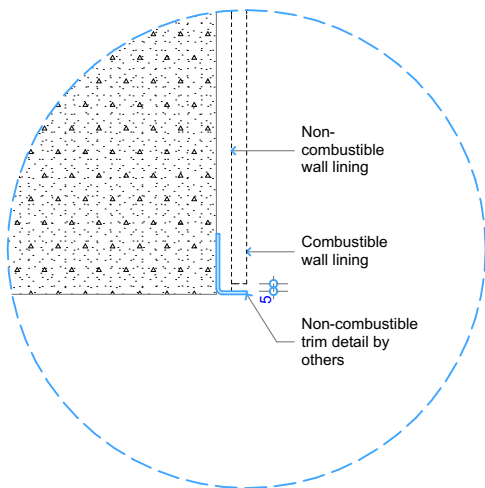
**Detail 3 - Cross Section Fire Surround Opt. 4  
Timber Cavity**



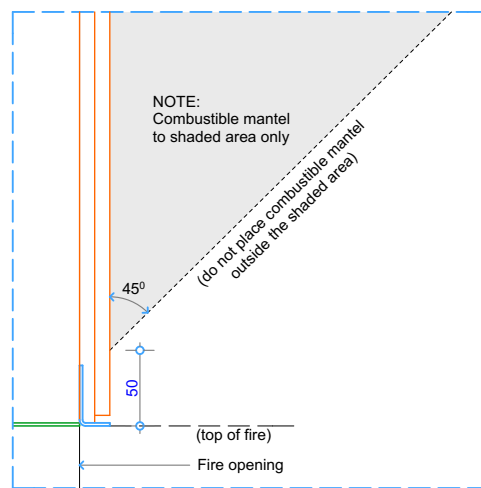
**Detail 3 - Cross Section Fire Surround Opt. 5  
Timber Cavity**



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



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



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

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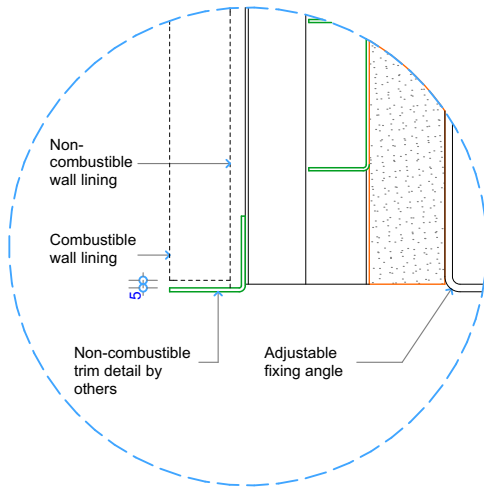
Client: THE FIRE DEPT.		
Product: WD10U-1000		
Title: SURROUND DETAILS		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4

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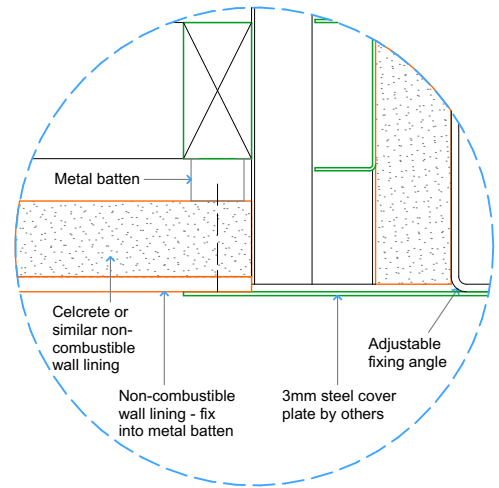
Drawing No. **WD10U-1000-910**

Sheet 10 of 14

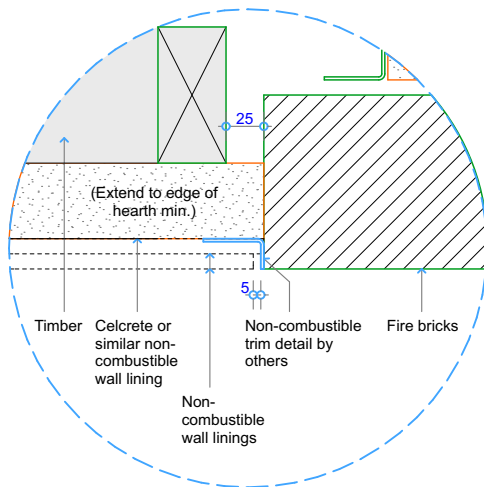
Revision 4



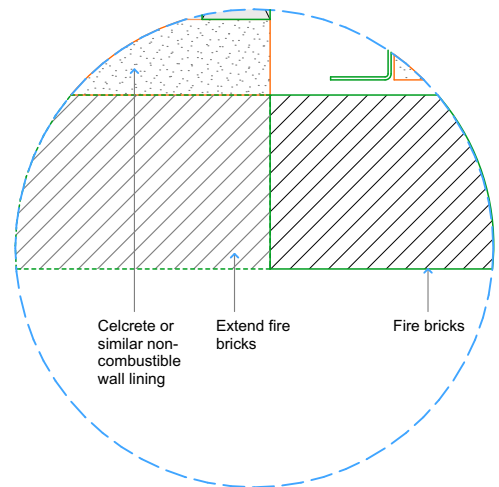
**Detail 7 - Cross Section Fire Surround Timber Cavity**



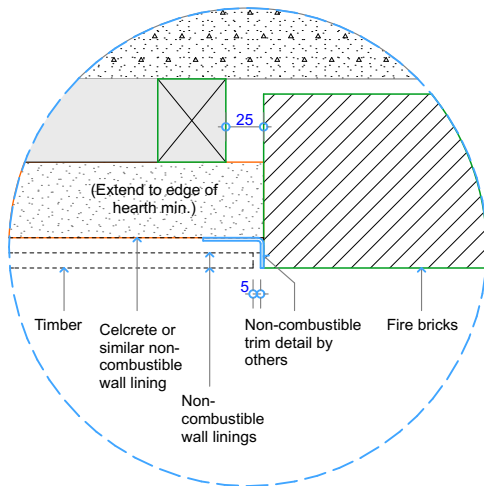
**Detail 7 - Cross Section Fire Surround Opt. 14 Timber Cavity**



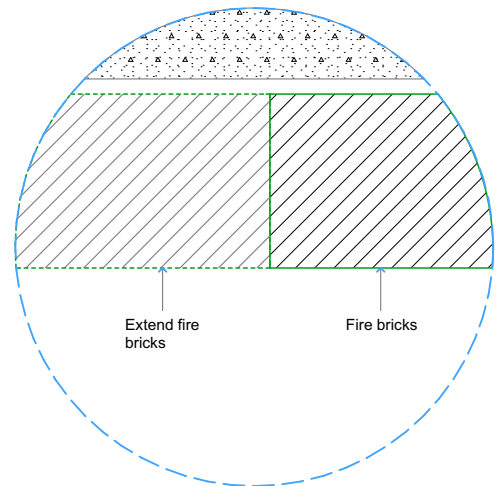
**Detail 8 - Plan View Fire Surround Opt. 10 Timber Cavity**



**Detail 8 - Plan View Fire Surround Opt. 11 Timber Cavity**



**Detail 9 - Plan View Fire Surround Opt. 12 Concrete Cavity**



**Detail 9 - Plan View Fire Surround Opt. 13 Concrete Cavity**

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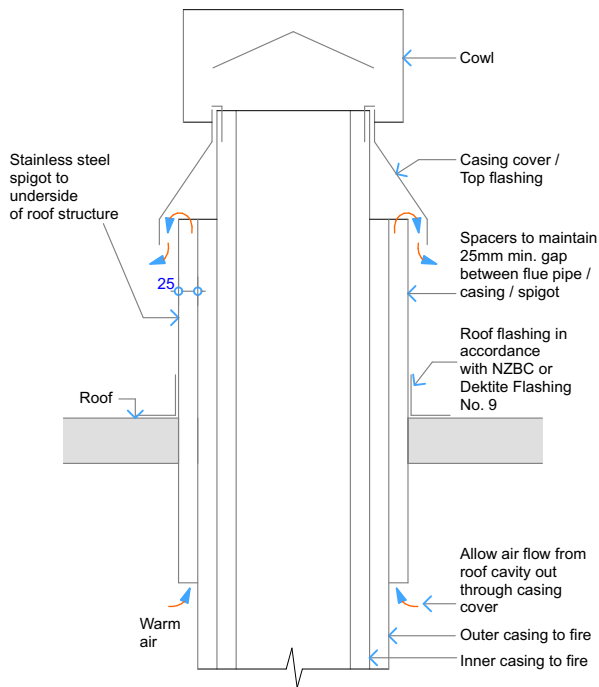
Client: THE FIRE DEPT.		
Product: WD1OU-1000		
Title: SURROUND DETAILS		
Drawn: SR	Date: 31/05/2018	
Chkd: JW	Date: 31/05/2018	
Appd: JW	Date: 31/05/2018	
Scale:		on A4



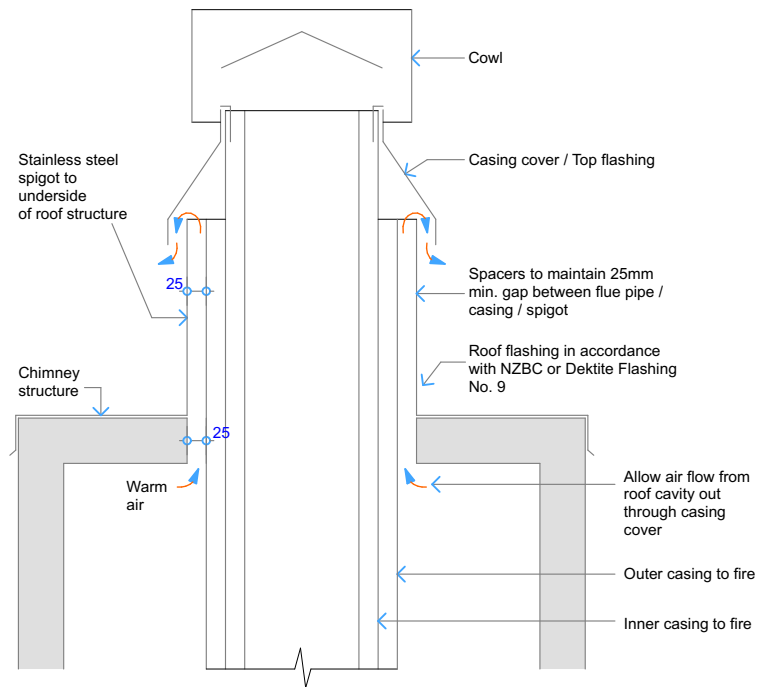
Drawing No. **WD1OU-1000-911**

Sheet 11 of 14

Revision **4**



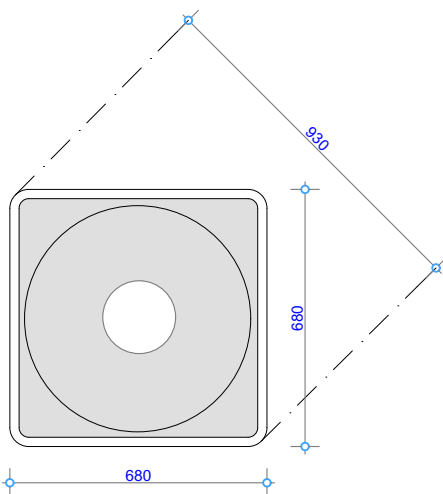
**Detail Roof - Air Ventilation through Casing cover/ Top flashing**






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

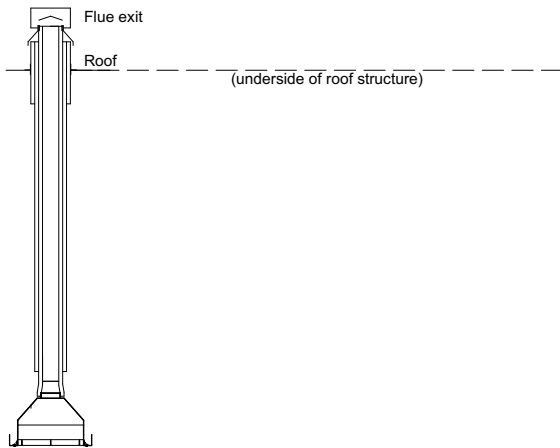
Flue components:  
300mm dia. Flue  
350mm dia. Inner Casing  
400mm dia. Outer Casing  
450mm dia. S/S Spigot  
Deklite Flashing No. 9

**NOTE:**  
Flue components must be installed to AS/NZS2918:2001 requirements.  
All external penetration flashing's 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.



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

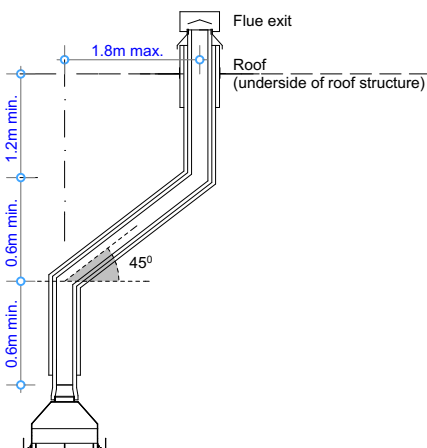
COPYRIGHT© THIS DRAWING IS THE PROPERTY OF The Fire Dept.	Client: THE FIRE DEPT.				<div>THE FIRE DEPT.</div>		
	Product: WD1OU-1000						
	Title: VERTICAL FLUE EXIT DETAILS						
	Drawn: SR		Date: 31/05/2018		<div></div>		
	Chkd: JW		Date: 31/05/2018				
	Appd: JW		Date: 31/05/2018				
			Scale:		on A4		
Drawing No.		WD1OU-1000-912		Sheet 12 of 14		Revision <div>4</div>	



### Vertical Flue Combination WD1A

**NOTE:**

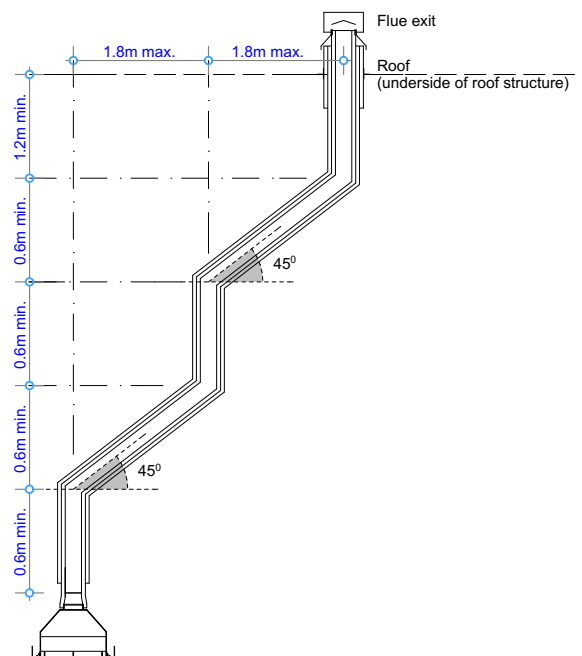
Flue components must be installed to AS/NZS2918:2001 requirements.  
All external penetration flashings must be installed in accordance with NZBC.  
Cavity airflow must be unobstructed from fire box to flue termination.  
25mm clearance between flue and combustible materials.  
75mm clearance between 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: WD1OU-1000

Title: VERTICAL FLUE COMBINATION OPTIONS

Drawn: SR

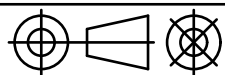
Date: 31/05/2018

Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018



Scale: on A4

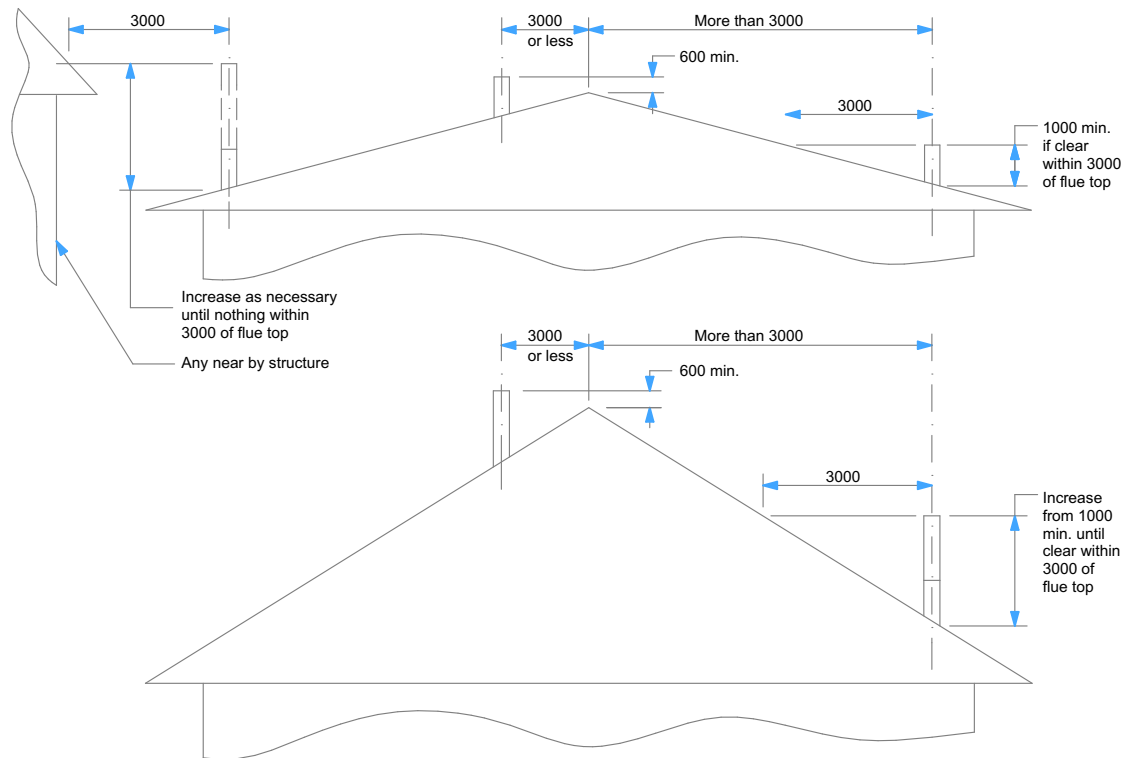
**THE FIRE DEPT.**

Drawing No. **WD1OU-1000-913**

Sheet 13 of 14

Revision

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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: WD1OU-1000

Title: FLUE EXIT CLEARANCES

Drawn: SR

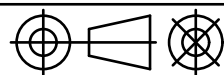
Date: 31/05/2018

Chkd: JW

Date: 31/05/2018

Appd: JW

Date: 31/05/2018



Scale: on A4

**THE FIRE DEPT.**

Drawing No. **WD1OU-1000-914**

Sheet 14 of 14

Revision **4**