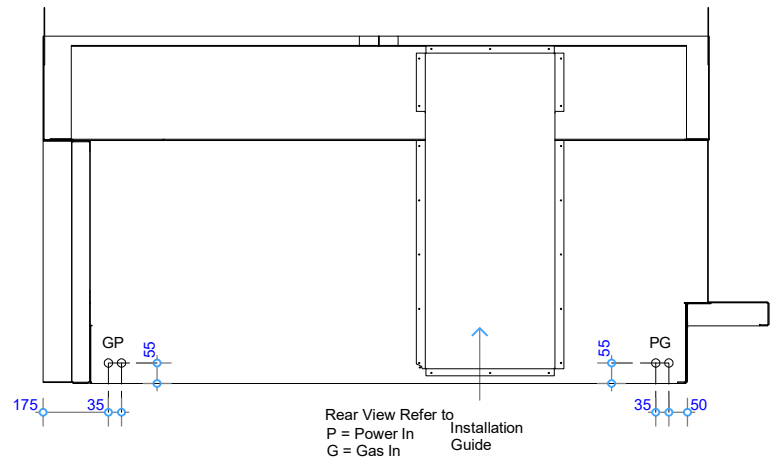
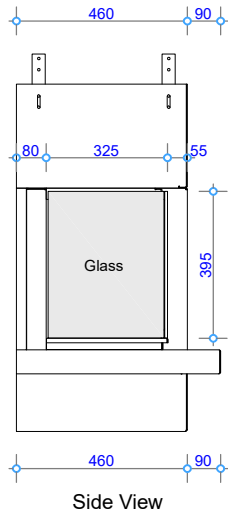
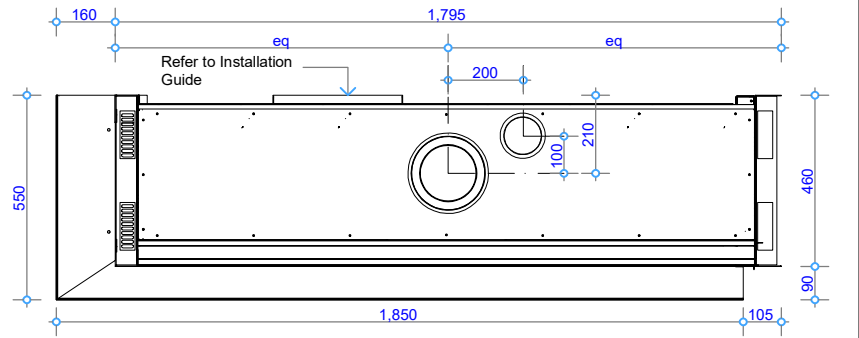




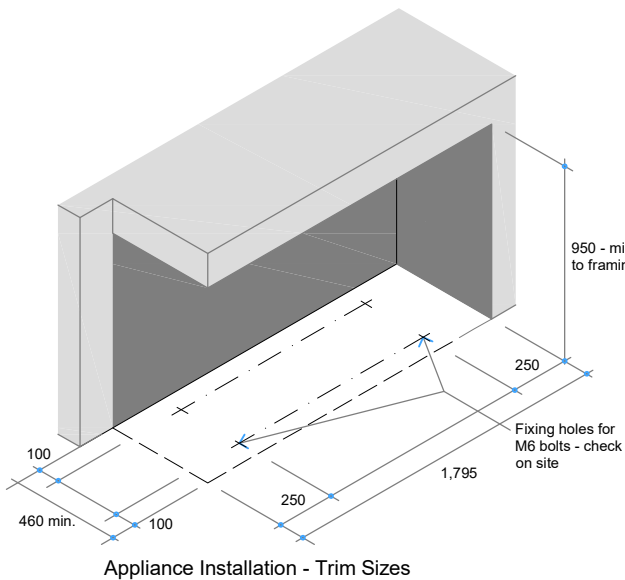
GD4 | 1600
GLASS LEFT

SPECIFICATIONS

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



TOLERANCE = +/- 3mm



COPYRIGHT©
THIS DRAWING IS THE PROPERTY
OF The Fire Dept.

Client: THE FIRE DEPT.

Product: GD4-1600-GLASS LEFT

Title: FIREBOX DIMENSIONS

Drawn: LB

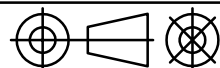
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale:

on A4

THE
**FIRE
DEPT.**
HAND CRAFTED FIRES

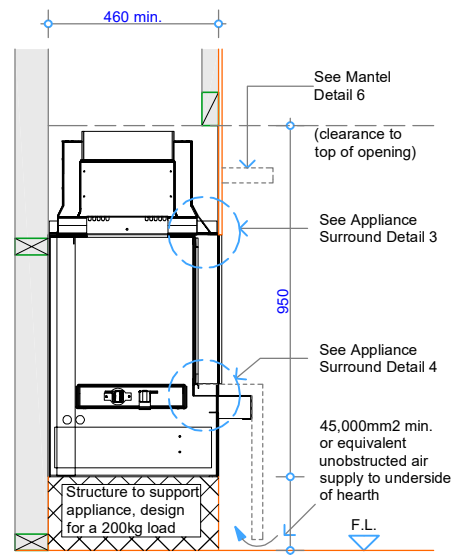
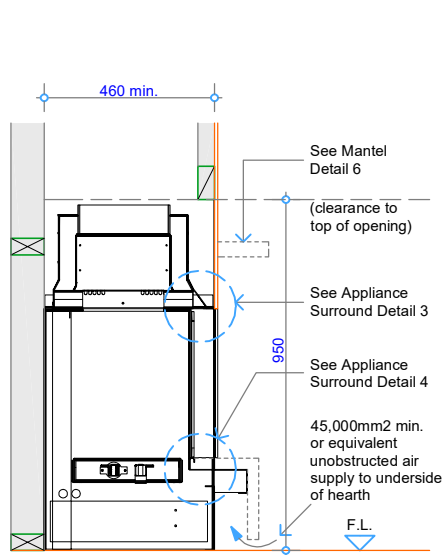
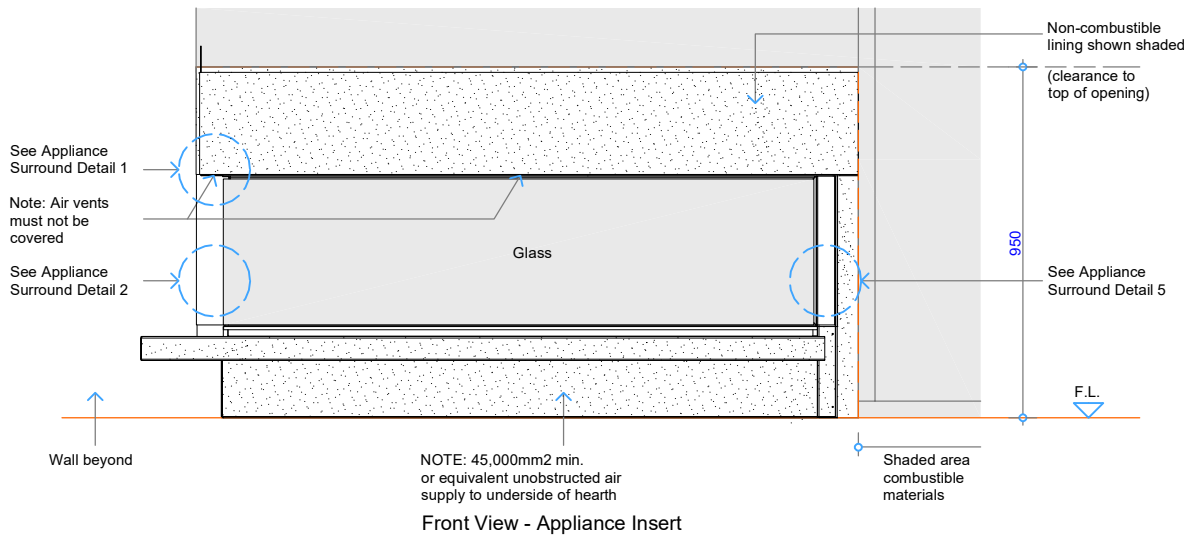
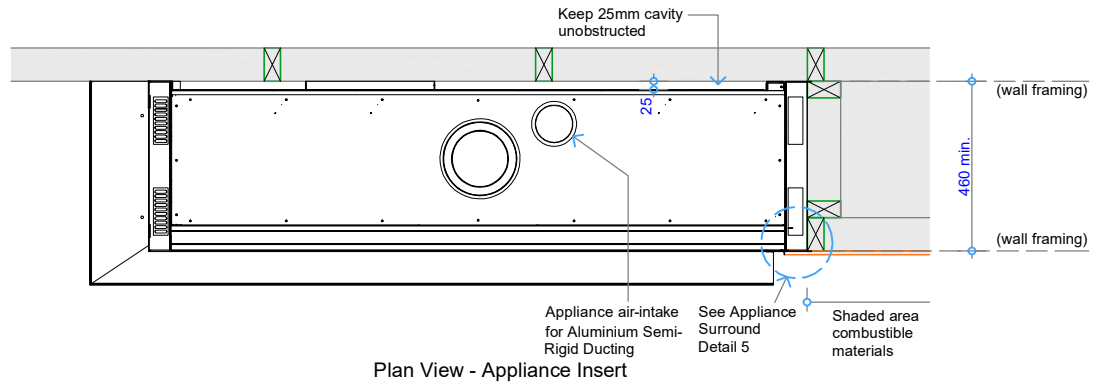
Drawing No.

GD4-1600-901L

Sheet 01 of 11

Revision

6



NOTE: Plinth height can vary to suit

COPYRIGHT©
THIS DRAWING IS THE PROPERTY
OF The Fire Dept.

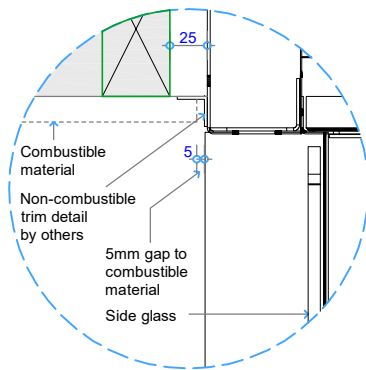
Client: THE FIRE DEPT.		
Product: GD4-1600-GLASS LEFT		
Title: CAVITY CLEARANCES		
Drawn: LB	Date: 07/04/2020	
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	

THE
**FIRE
DEPT.**
HAND CRAFTED FIRES

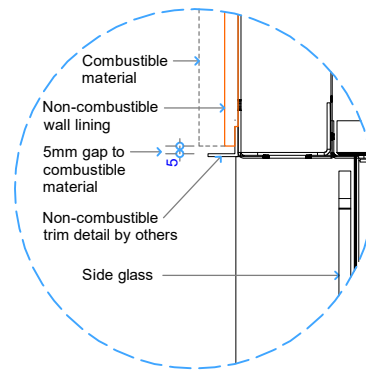
Drawing No. **GD4-1600-902L**

Sheet 02 of 11

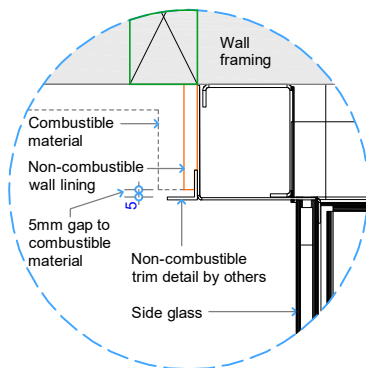
Revision **6**



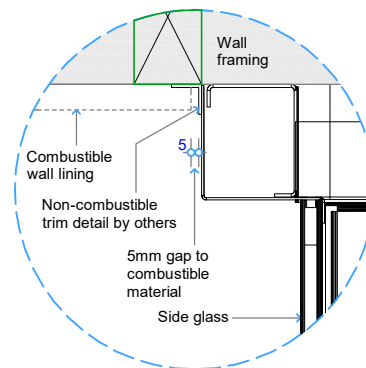
Detail 1 - Cross Section Appliance Surround Opt. 1



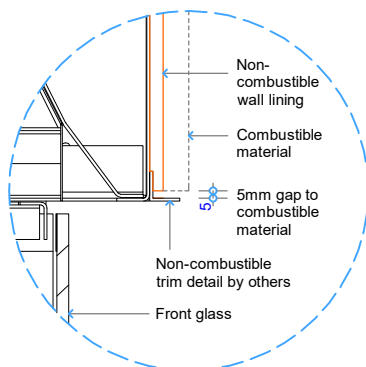
Detail 1 - Cross Section Appliance Surround Opt. 2



Detail 2 - Plan View Appliance Surround Opt. 3






Detail 2 - Plan View Appliance Surround Opt. 4



Detail 3 - Top of Appliance to Combustible Materials

COPYRIGHT©
 THIS DRAWING IS THE PROPERTY
 OF The Fire Dept.

Client: THE FIRE DEPT.		
Product: GD4-1600-GLASS LEFT		
Title: SURROUND DETAILS		
Drawn: LB	Date: 07/04/2020	  
Chkd: JW	Date: 08/05/2018	
Appd: JW	Date: 08/05/2018	
Scale:		

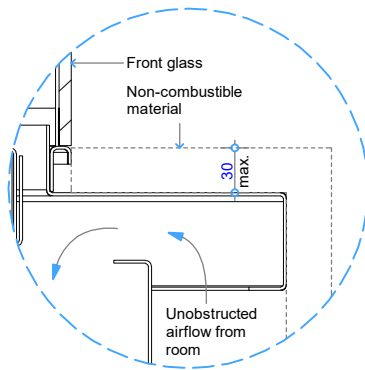
THE
 FIRE
 DEPT.
 HAND CRAFTED FIRES

Drawing No. **GD4-1600-903L**

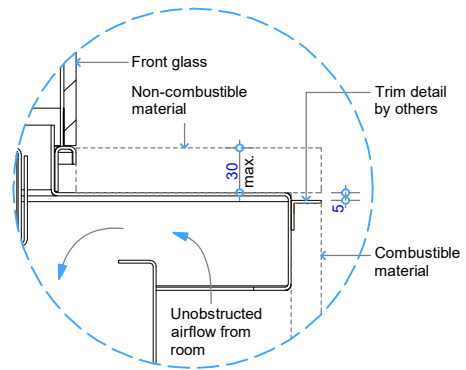
Sheet 03 of 11

Revision

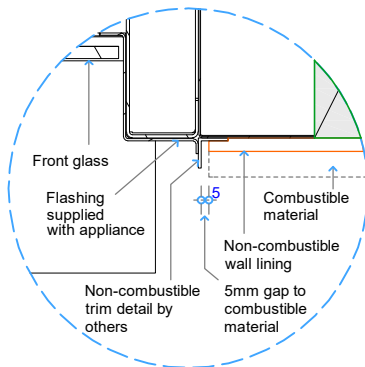
6



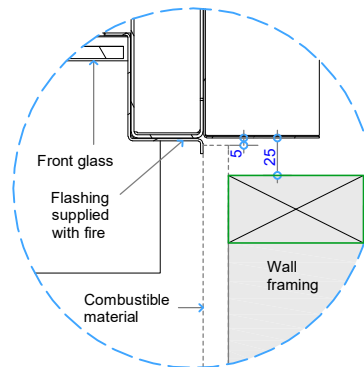
Detail 4 - Bottom of Appliance to Floor Opt. 5
NOTE: 45,000mm² min. or equivalent unobstructed air supply to underside of hearth



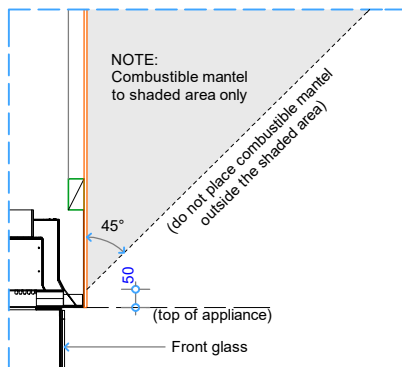
Detail 4 - Bottom of Appliance to Floor Opt. 6
NOTE: 45,000mm² min. or equivalent unobstructed air supply to underside of hearth



Detail 5 - Plan View Appliance Surround Opt. 7



Detail 5 - Plan View Appliance Surround Opt. 8



Detail 6 - Top of Appliance to Combustible Mantel

COPYRIGHT©
THIS DRAWING IS THE PROPERTY
OF The Fire Dept.

Client: THE FIRE DEPT.

Product: GD4-1600-GLASS LEFT

Title: SURROUND DETAILS

Drawn: LB

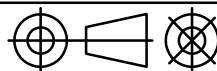
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



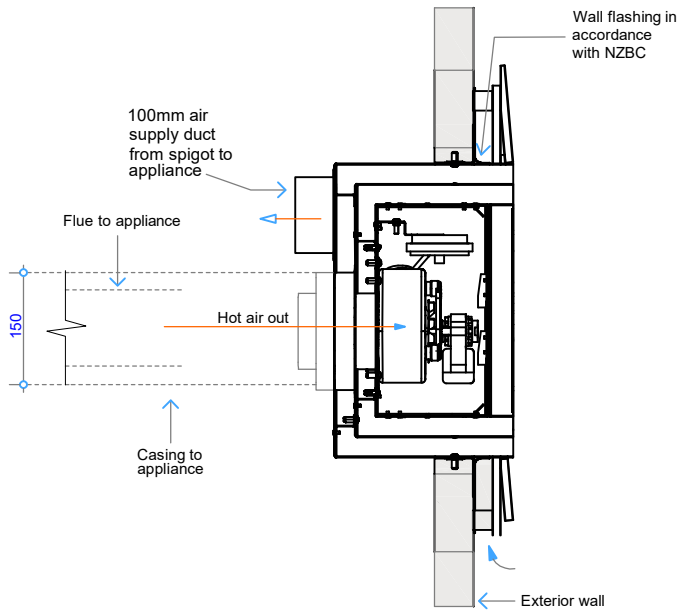
Scale: on A4

THE
**FIRE
DEPT.**
HAND CRAFTED FIRES

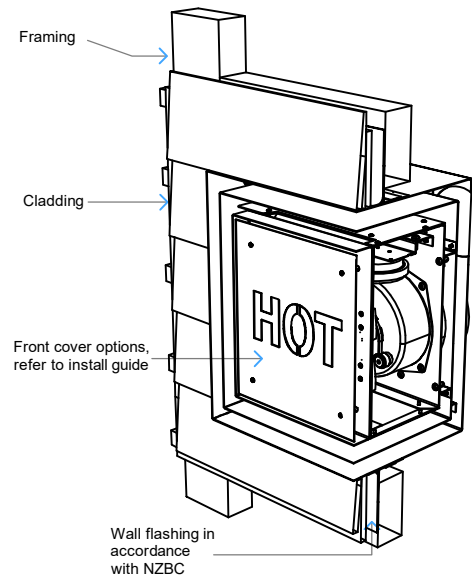
Drawing No. **GD4-1600-904L**

Sheet 04 of 11

Revision **6**



Detail - Combustion fan Option 1
Wall cowl fan, horizontal exit

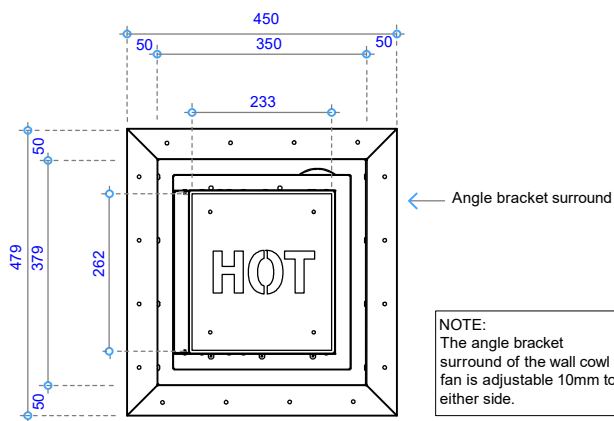


Detail - Wall cowl fan, vertical exit

NOTE:

Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from appliance to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the appliance.
Each flue joint must be sealed with a heat proof sealer.
Each flue joint must have a minimum of 4 x rivets.
Flue to be adequately supported at 2.4m crs.

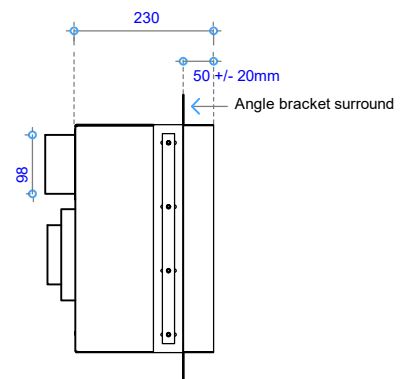
Flue components:
100mm dia. Flue
150mm dia. Casing
100mm Ducting



Wall Cowl Fan Front View

NOTE:

The angle bracket surround of the wall cowl fan is adjustable 10mm to either side.



Wall Cowl Fan Side View

COPYRIGHT©
THIS DRAWING IS THE PROPERTY
OF The Fire Dept.

Client: THE FIRE DEPT.

Product: GD4-1600-GLASS LEFT

Title: HORIZONTAL WALL COWL FAN EXIT DETAILS

Drawn: LB

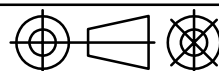
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



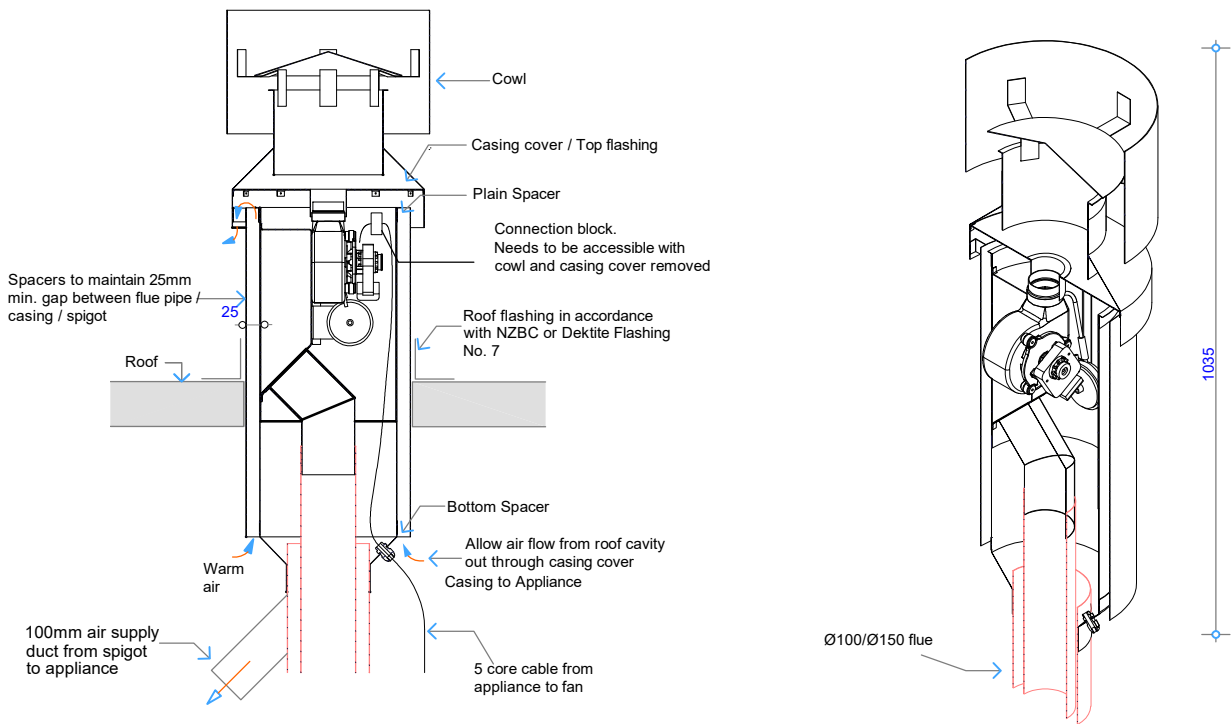
Scale: on A4

THE FIRE DEPT.
HAND CRAFTED FIRES

Drawing No. **GD4-1600-905L**

Sheet 05 of 11

Revision **6**



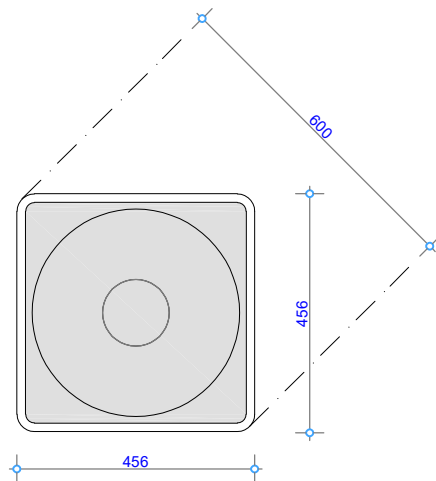
Detail - Combustion fan Option 2
Cowl fan, horizontal exit

NOTE:

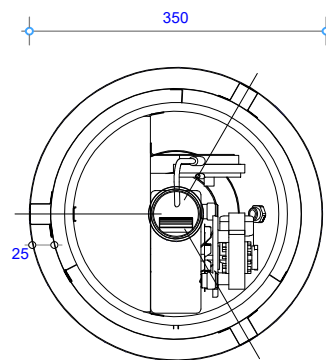
Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from appliance to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the appliance.
Each flue joint must be sealed with a heat proof sealer.
Each flue joint must have a minimum of 4 x rivets.
Flue to be adequately supported at 2.4m crs.

Flue components:

100mm dia. Flue
150mm dia. Casing
300mm dia. Spigot
100mm Ducting



Deklite Flashing No. 7 - Plan View



Cowl Fan Top View

COPYRIGHT©
THIS DRAWING IS THE PROPERTY
OF The Fire Dept.

Client: THE FIRE DEPT.

Product: GD4-1600-GLASS LEFT

Title: VERTICAL COWL FAN, EXIT DETAILS

Drawn: LB

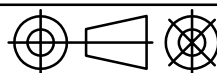
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



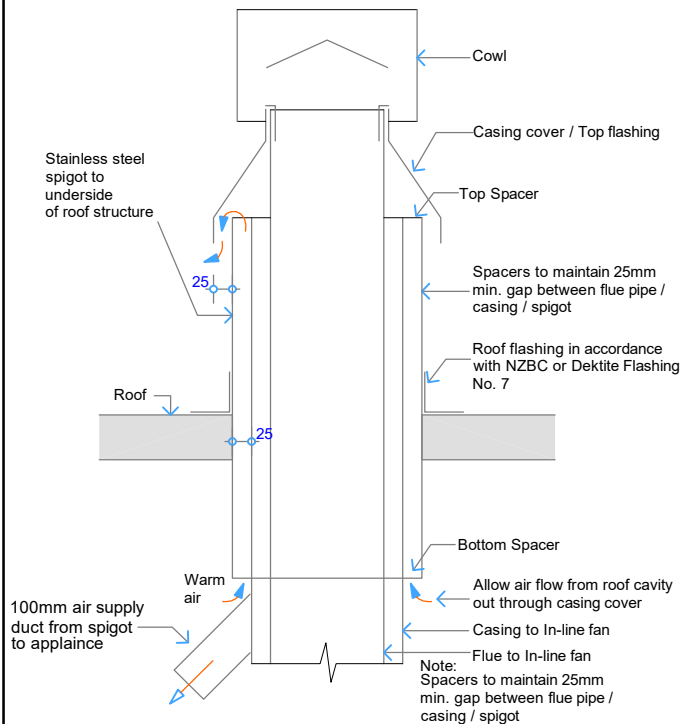
Scale: on A4

THE FIRE DEPT.
HAND CRAFTED FIRES

Drawing No. **GD4-1600-906L**

Sheet 06 of 11

Revision **6**

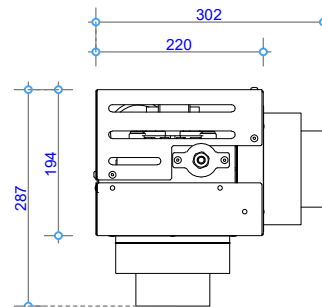


Detail - Air Ventilation through Casing cover/ Top flashing
Option 3A - To be used in conjunction with Fan Option 3

NOTE:

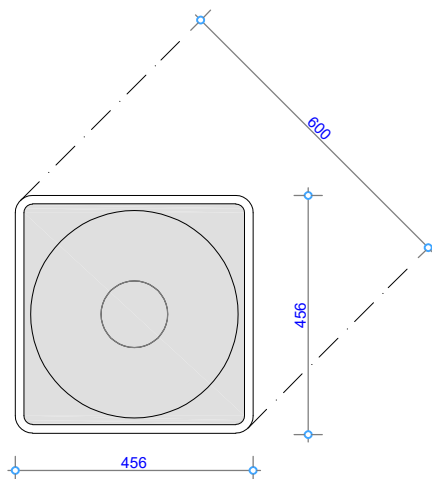
Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from fire to fan.
Cavity airflow must be unobstructed from fire to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the fire.
Each flue joint must be sealed with a heat proof sealer.
Each flue joint must have a minimum of 4 x rivets.
Flue to be adequately supported at 2.4m crs.

Flue components:
100mm dia. Flue
150mm dia. Casing
200mm dia. Spigot
100mm Ducting

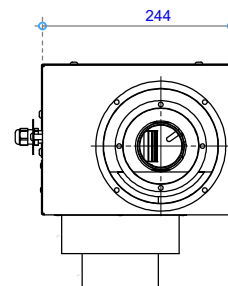


Detail - Combustion fan Option 3
In-Line Fan Side View

NOTE: Requires access hatch for maintenance



Deklite Flashing No. 7 - Plan View



Detail - Combustion fan Option 3
In-Line Fan Front View

NOTE: Requires access hatch for maintenance

COPYRIGHT©
THIS DRAWING IS THE PROPERTY
OF The Fire Dept.

Client: THE FIRE DEPT.

Product: GD4-1600-GLASS LEFT

Title: VERTICAL & HORIZONTAL FLUE EXIT DETAILS

Drawn: LB

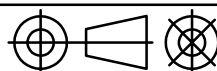
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

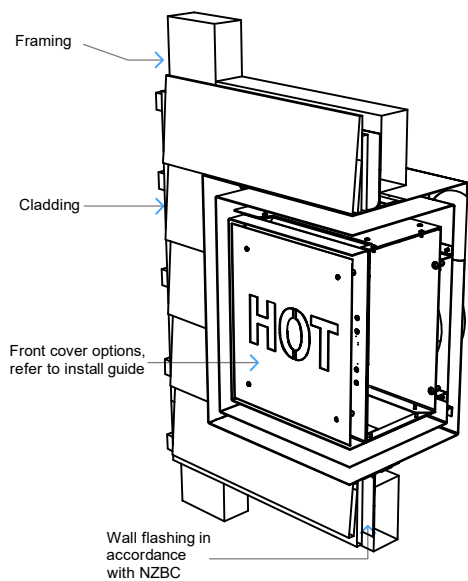
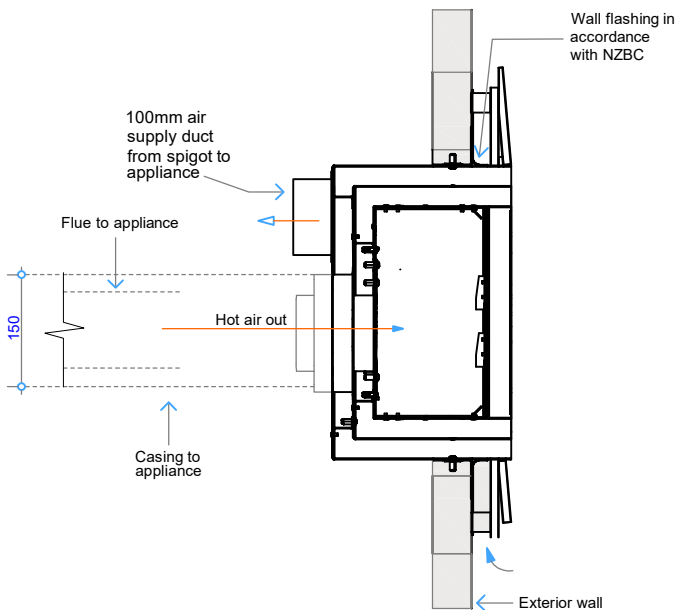
Drawing No. **GD4-1600-907L**

Sheet 07 of 11

Revision

6

THE FIRE DEPT.
HAND CRAFTED FIRES



Detail - Wall cowl, horizontal exit

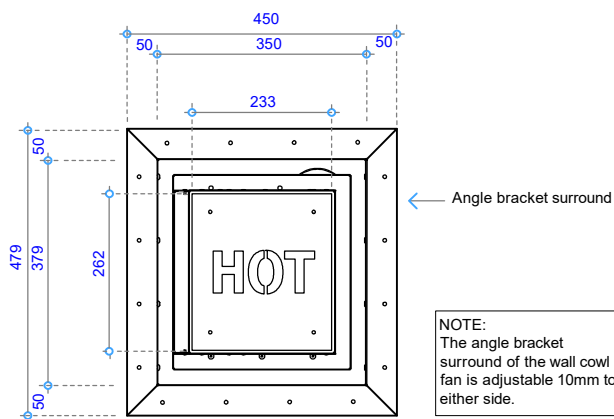
Option 3B - To be used in conjunction with Fan Option 3

NOTE:

Flue components must be installed to AS/NZS5601 requirements.
All external penetration flashings must be installed in accordance with NZBC.
Appliance supplied with 6m of 5 core cable from appliance to fan.
Cavity airflow must be unobstructed from appliance to flue termination.
25mm clearance between flue and combustible materials.
75mm clearance between flue and wiring / plastic water pipes.
Horizontal flue run must fall 20mm for every 1000mm towards the appliance.
Each flue joint must be sealed with a heat proof sealer.
Each flue joint must have a minimum of 4 x rivets.
Flue to be adequately supported at 2.4m crs.

Flue components:
100mm dia. Flue
150mm dia. Casing
100mm Ducting

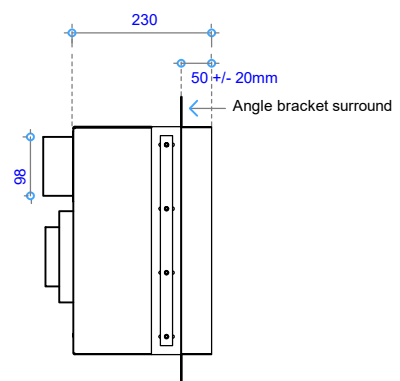
Detail - Wall cowl, vertical exit



Wall Cowl Front View

NOTE:

The angle bracket surround of the wall cowl fan is adjustable 10mm to either side.



Wall Cowl Side View

COPYRIGHT©
THIS DRAWING IS THE PROPERTY
OF The Fire Dept.

Client: THE FIRE DEPT.

Product: GD4-1600-GLASS LEFT

Title: HORIZONTAL WALL COWL EXIT DETAILS

Drawn: LB

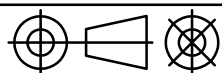
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



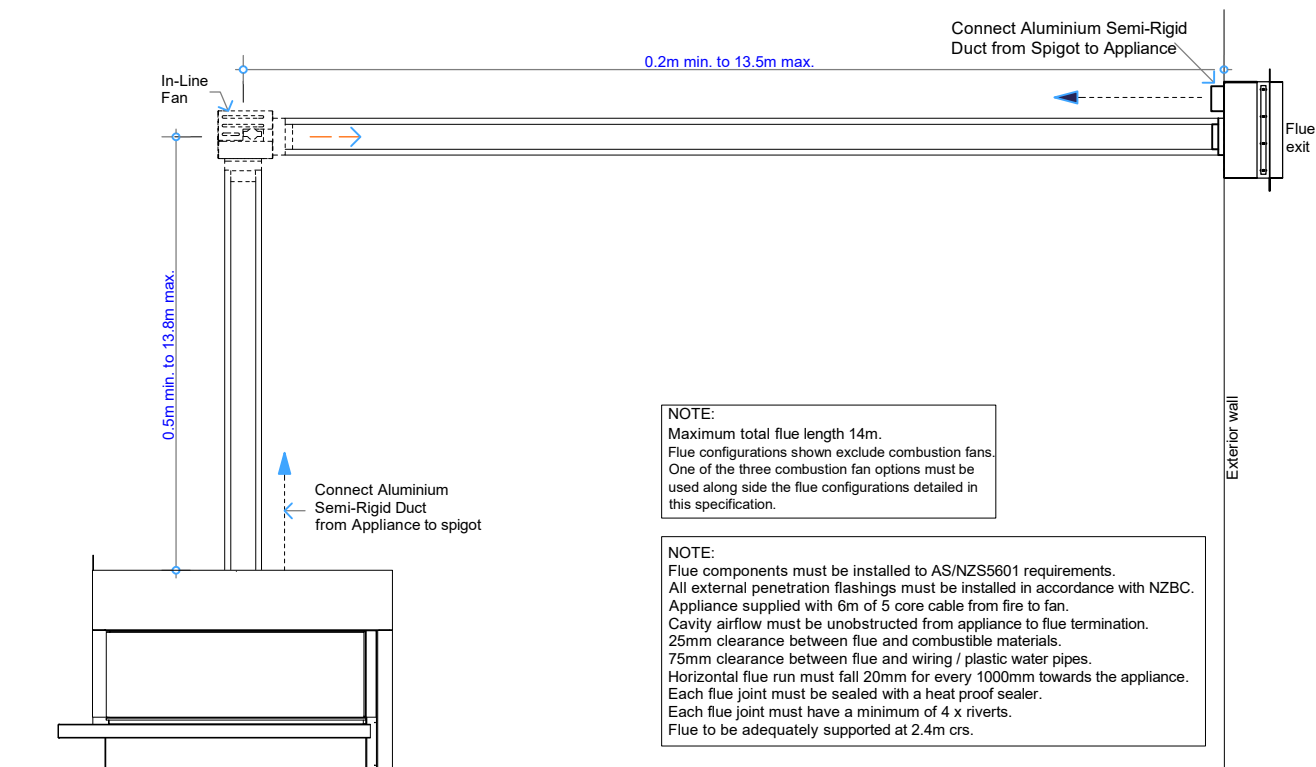
Scale: on A4

THE
**FIRE
DEPT.**
HAND CRAFTED FIRES

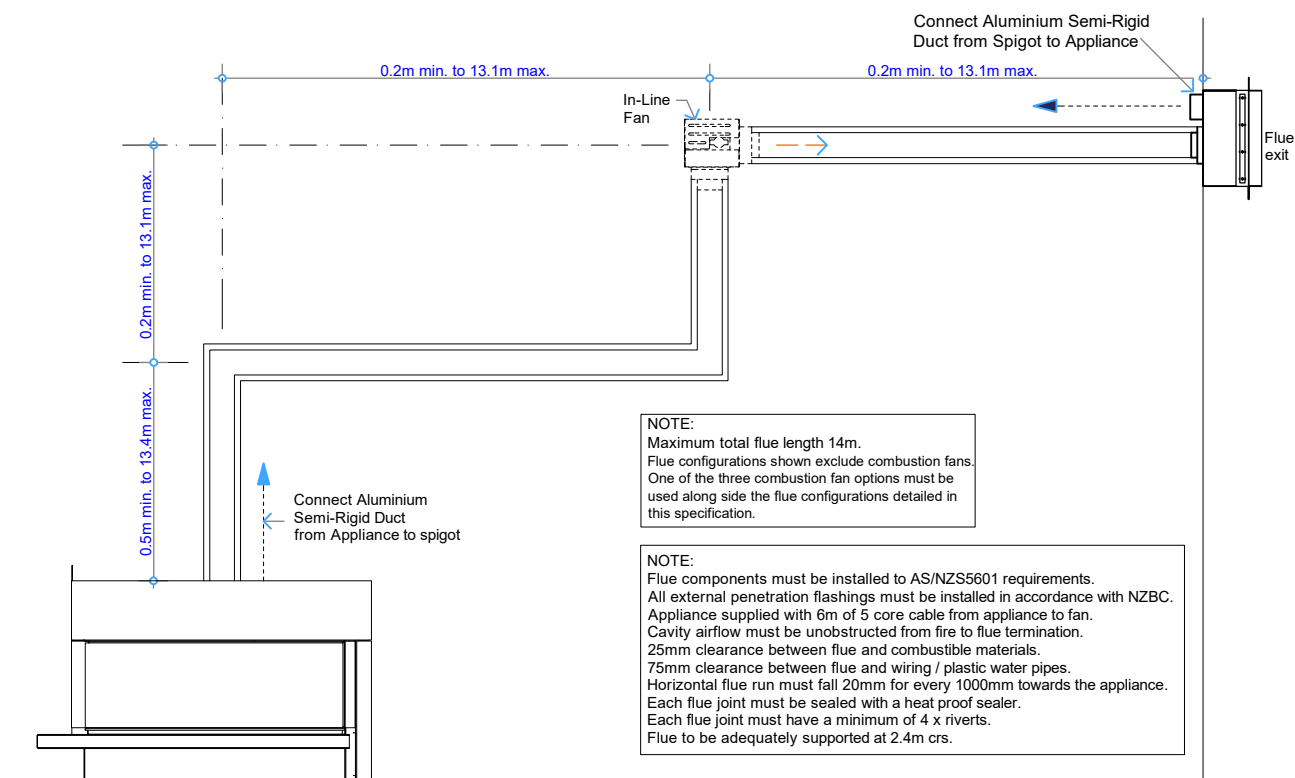
Drawing No. **GD2-1600-908L**

Sheet 08 of 11

Revision **6**



Horizontal Flue Combination GD4A



Horizontal Flue Combination GD4B

COPYRIGHT©
THIS DRAWING IS THE PROPERTY
OF The Fire Dept.

Client: THE FIRE DEPT.

Product: GD4-1600-GLASS LEFT

Title: HORIZONTAL FLUE COMBINATION OPTIONS

Drawn: LB

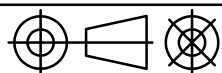
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

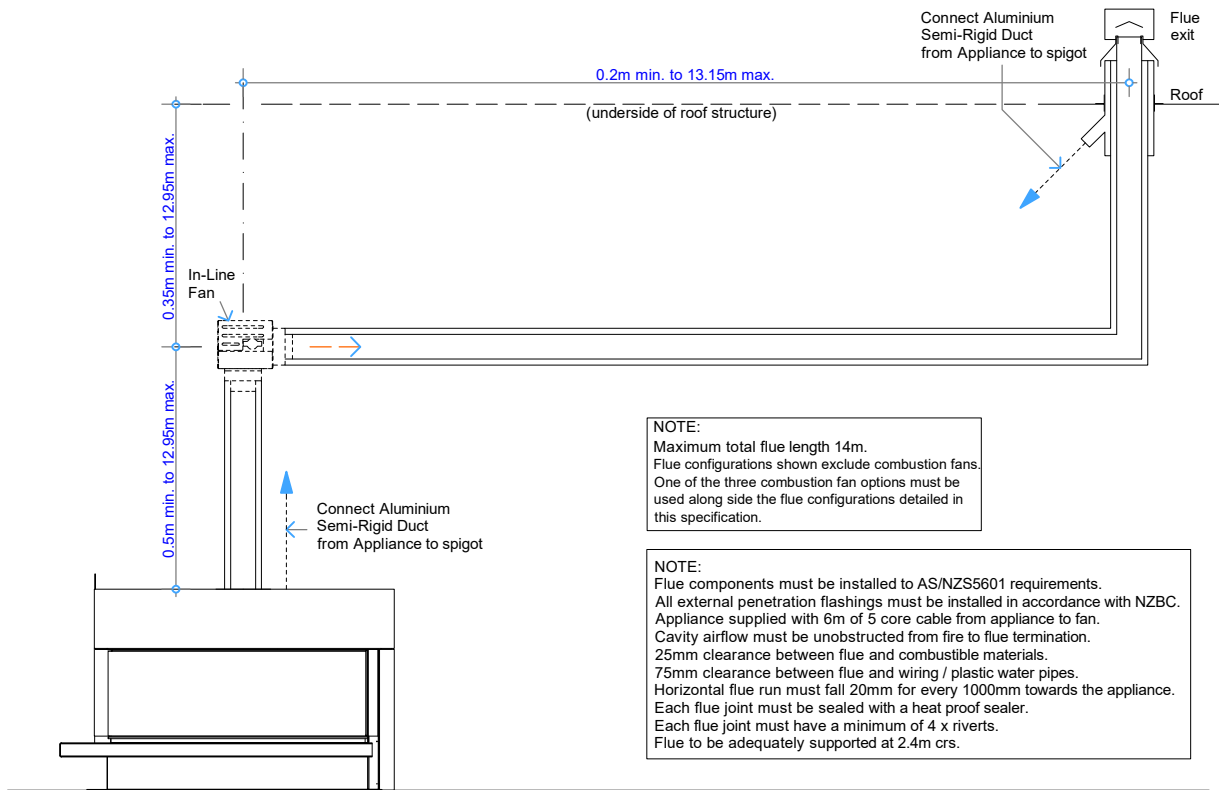
THE FIRE DEPT.
HAND CRAFTED FIRES

Drawing No. **GD4-1600-909L**

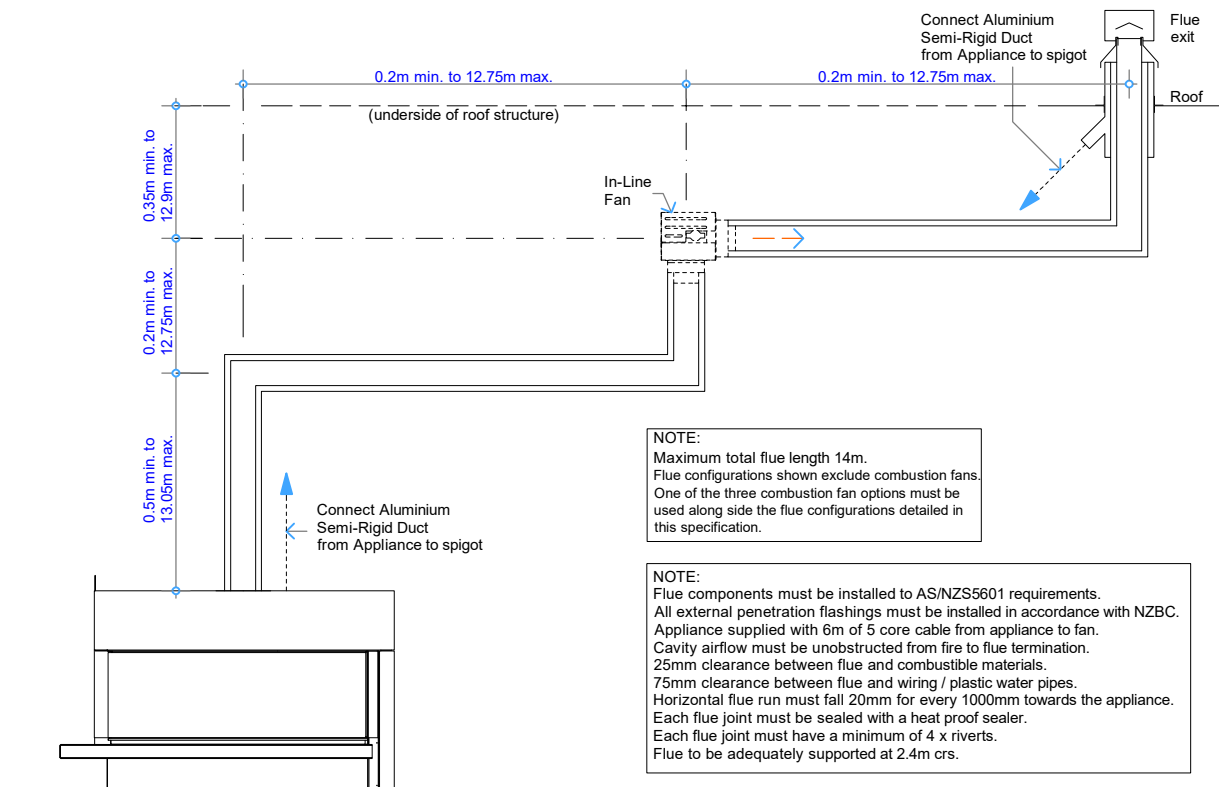
Sheet 09 of 11

Revision

6



Vertical Flue Combination GD4C



Vertical Flue Combination GD4D

COPYRIGHT©
THIS DRAWING IS THE PROPERTY
OF The Fire Dept.

Client: THE FIRE DEPT.

Product: GD4-1600-GLASS LEFT

Title: VERTICAL FLUE COMBINATION OPTIONS

Drawn: LB

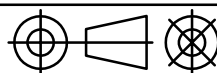
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



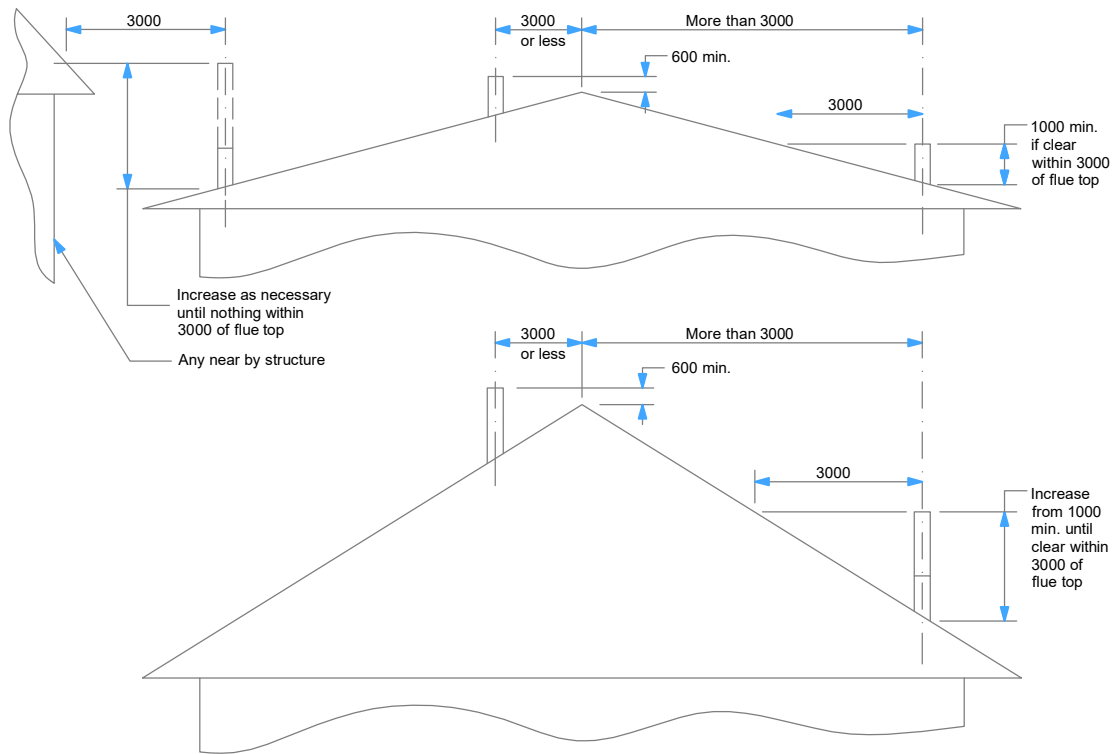
Scale: on A4

THE
**FIRE
DEPT.**
HAND CRAFTED FIRES

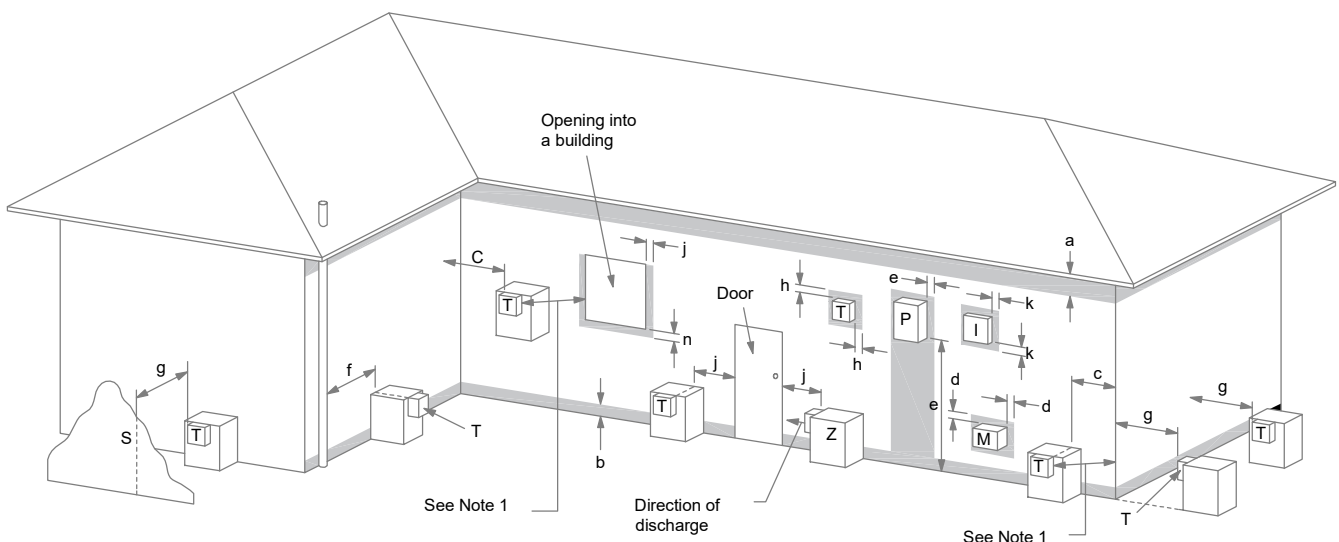
Drawing No. **GD4-1600-910L**

Sheet 10 of 11

Revision **6**



Minimum Height of Flue System Exit
Or as per AS/NZS 5601



LEGEND:

I = Mechanical air inlet
M = Gas meter
P = Electricity meter or fuse box
S = Structure
T = Flue terminal
Z = Fan-assisted appliance only

a = 200
b = 300
c = 300
d = 1000
e = 500
f = 75
g = 500
h = 300
j = 300 (at window) & 1500 (fan-assisted appliance by the door)
k = 1000
n = 500

NOTES:

1 Where dimensions c, j or k cannot be achieved an equivalent horizontal distance measured diagonally from the nearest discharge point of the terminal to the opening may be deemed by the Technical Regulator to comply.

Shading indicates prohibited area for flue terminals

Location of Flue Terminals of Balanced Flue,
Room-Sealed, Fan-Assisted or Outdoor Appliances

NOTE: To be read in conjunction with AS/NZS 5601.1:2013

COPYRIGHT©
THIS DRAWING IS THE PROPERTY
OF The Fire Dept.

Client: THE FIRE DEPT.

Product: GD4-1600-GLASS LEFT

Title: FLUE EXIT CLEARANCES

Drawn: LB

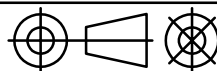
Date: 07/04/2020

Chkd: JW

Date: 08/05/2018

Appd: JW

Date: 08/05/2018



Scale: on A4

THE
**FIRE
DEPT.**
HAND CRAFTED FIRES

Drawing No. **GD4-1600-911L**

Sheet 11 of 11

Revision **6**