

# THERMAL IMAGING SURVEY

**YOUR NEW HOME INSPECTOR**

Sample Report



YNHI

YOUR NEW HOME INSPECTOR

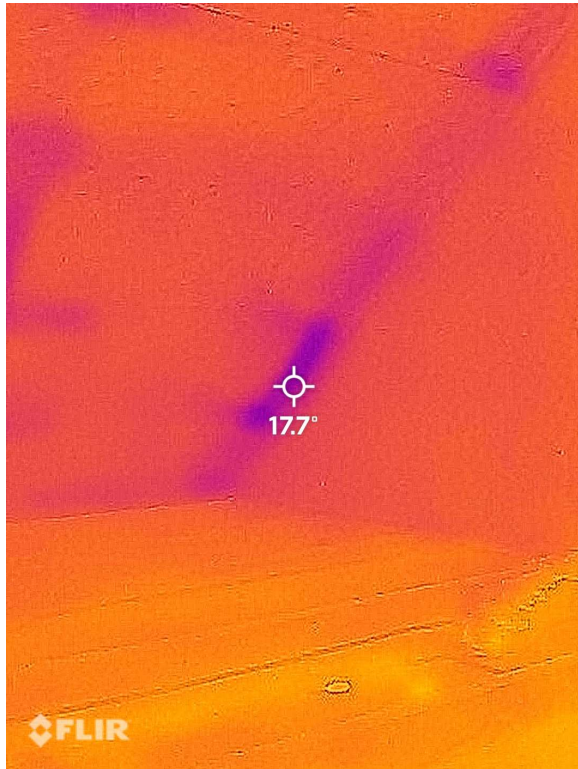
# INTRODUCTION

This report is to identify potential thermal loss issues to my client of their recently purchased brand new property. The internal temperature of the property was 20 degrees with an outside temperature of 6 degrees at the time of the survey.

Time	Conditions		Comfort				Barometer	Visibility
		Temp	Weather	Wind		Humidity		
00:00 Wed, 6 Dec	?	3 °C	Chilly.	15 mph	↘	97%	1014 mbar	N/A
01:00	?	3 °C	Chilly.	16 mph	↘	97%	1015 mbar	N/A
02:00	?	3 °C	Chilly.	17 mph	↘	97%	1016 mbar	N/A
03:00	?	2 °C	Chilly.	15 mph	↘	97%	1016 mbar	N/A
07:00	?	1 °C	Chilly.	15 mph	↘	99%	1017 mbar	N/A
08:00	?	1 °C	Chilly.	13 mph	↘	98%	1018 mbar	N/A
09:00	?	1 °C	Chilly.	12 mph	↘	99%	1018 mbar	N/A
10:00	?	4 °C	Chilly.	10 mph	↘	99%	1018 mbar	N/A
11:00	?	6 °C	Quite cool.	8 mph	↘	95%	1018 mbar	N/A
12:00	?	7 °C	Quite cool.	7 mph	↘	86%	1018 mbar	N/A
14:00	?	7 °C	Quite cool.	5 mph	↘	74%	1018 mbar	N/A
15:00	?	6 °C	Quite cool.	5 mph	↘	77%	1018 mbar	N/A
16:00	?	3 °C	Chilly.	5 mph	↘	86%	1018 mbar	N/A
17:00	?	1 °C	Chilly.	5 mph	↙	88%	1018 mbar	N/A
18:00	?	0 °C	Chilly.	5 mph	↙	94%	1019 mbar	N/A
19:00	?	2 °C	Chilly.	3 mph	↖	97%	1019 mbar	N/A
20:00	?	4 °C	Chilly.	5 mph	↑	91%	1019 mbar	N/A

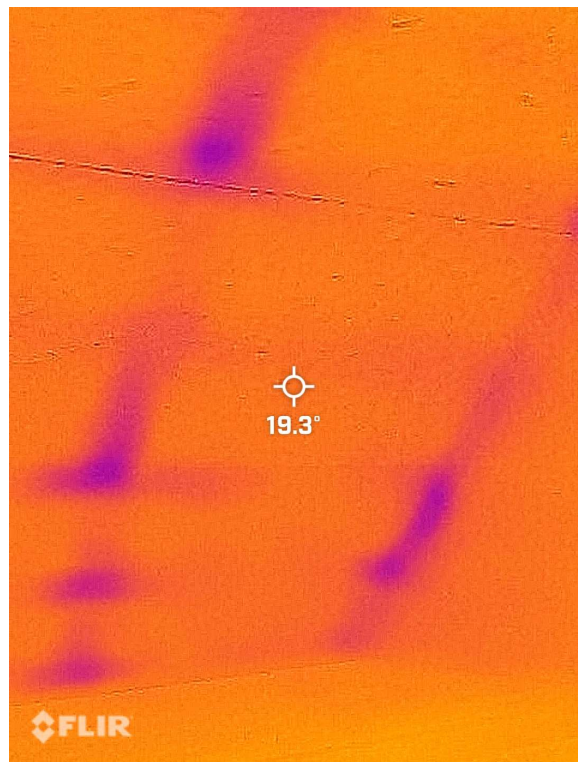
# LOFT SPACE

## Loft Space



**Image 1**

Rear Elevation Roof – No concerns. The space seems to hold the heat very well. No action required.




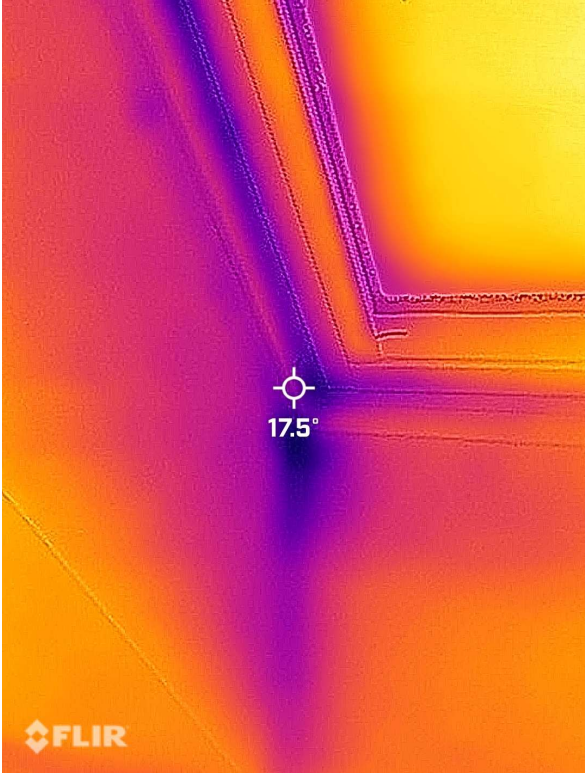
**Image 2**

Front Elevation Roof – No concerns. The space seem to hold the heat very well. No action required.

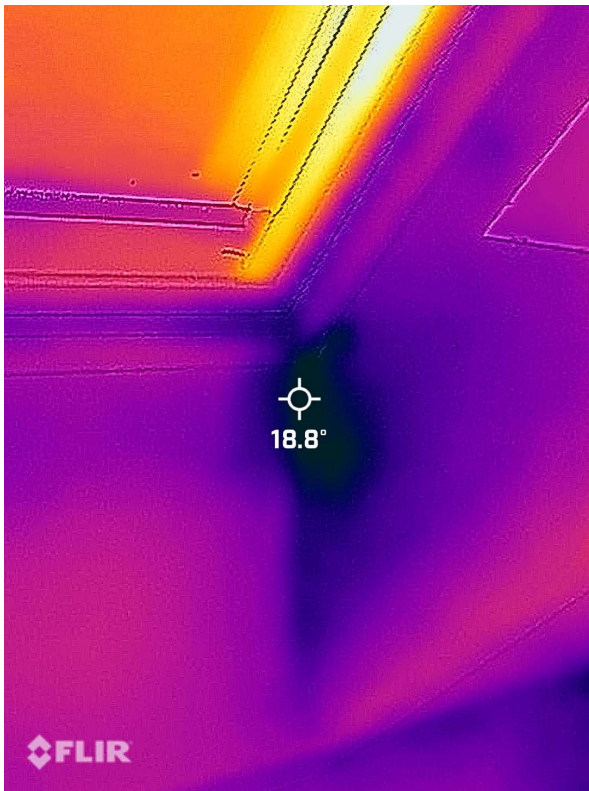
## LEVEL 2

### Front Bedroom

All external walls where surveyed. No issues with the building fabric identified by the survey. Only concerns are below:

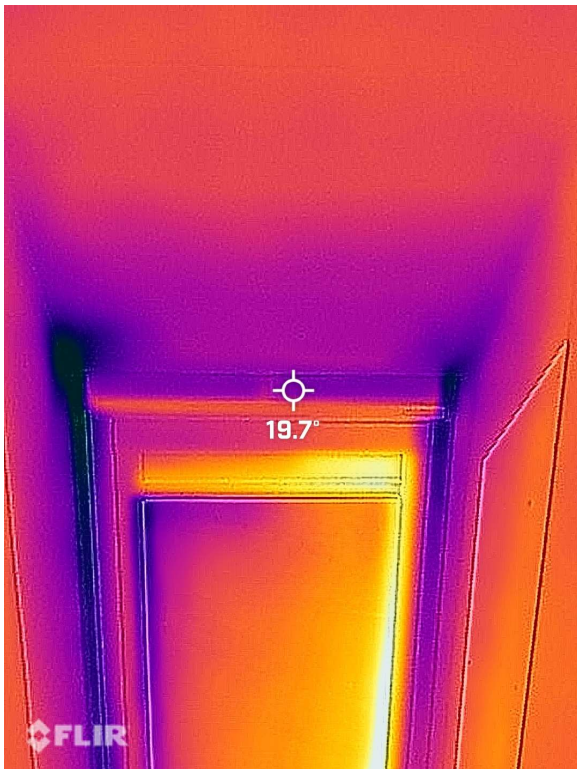
 <p>A thermal image of a window in a room. The window is the central feature, showing a bright yellow/orange area indicating heat loss. The surrounding walls and floor are in shades of purple and blue, indicating lower temperatures. A temperature reading of 11.4° is visible on the image. The FLIR logo is in the bottom left corner.</p>	<p><b>Image 3</b></p> <p>Left Window – Concerns at low level. Imaging shows heat loss at low level within the window make up and to both sides of the building fabric. Further investigation required.</p>
 <p>A thermal image of a window, likely a Velux skylight, showing heat loss at the junction of the window and the opening. The junction area is bright yellow/orange, while the surrounding areas are in shades of purple and blue. A temperature reading of 17.5° is visible on the image. The FLIR logo is in the bottom left corner.</p>	<p><b>Image 4</b></p> <p>Right Window (Velux) LHS – Concerns each side of the window at low level. Heat loss seems to be at the junction of the window and the opening. Further investigation required.</p>





**Image 5**

Right window (Velux) – RHS – Concerns each side of the window at low level. Heat Loss seems to be through the building fabric below the window itself.

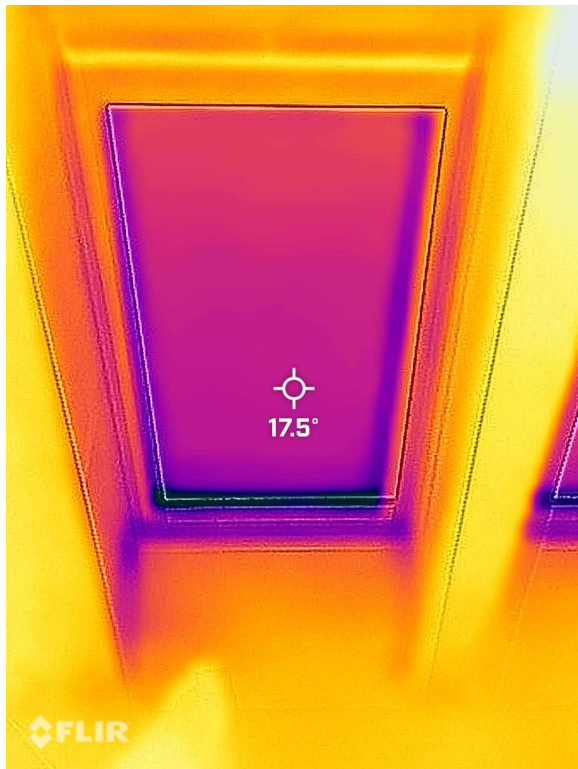


**Image 6**

Right window (Velux) – Concerns at the top of the window on both sides. Heat loss seems to be at the junction of the window and the opening. Further investigation required.

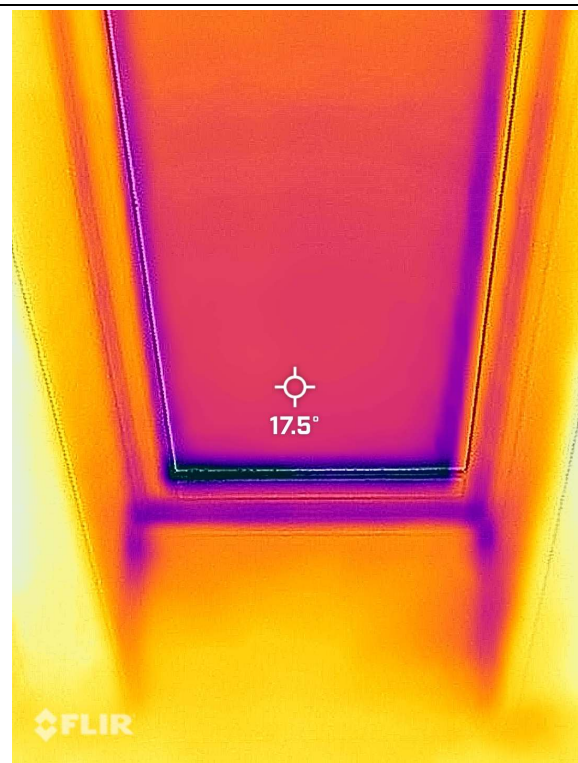
## Rear Bedroom

All external walls where surveyed. No issues with the building fabric identified by the survey. Only concerns are below:



**Image 7**

Left Window – concerns at the bottom of the window. Heat loss seems to be from the window not sealing tight enough to the frame. Further investigation required.



**Image 8**

Right Window – concerns at the bottom of the window. Heat loss seems to be from the window not sealing tight enough to the frame. Further investigation required.

# LEVEL 01

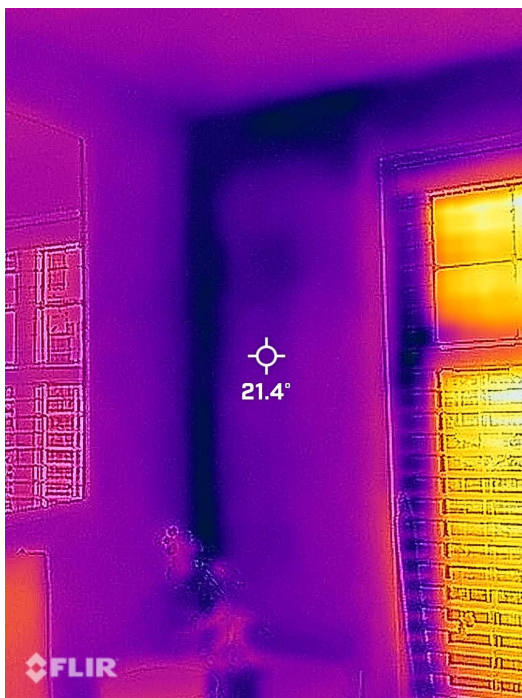
## Master Bedroom (Front)

All external walls where surveyed. No issues with the building fabric identified by the survey. Only concerns are below:



**Image 9**

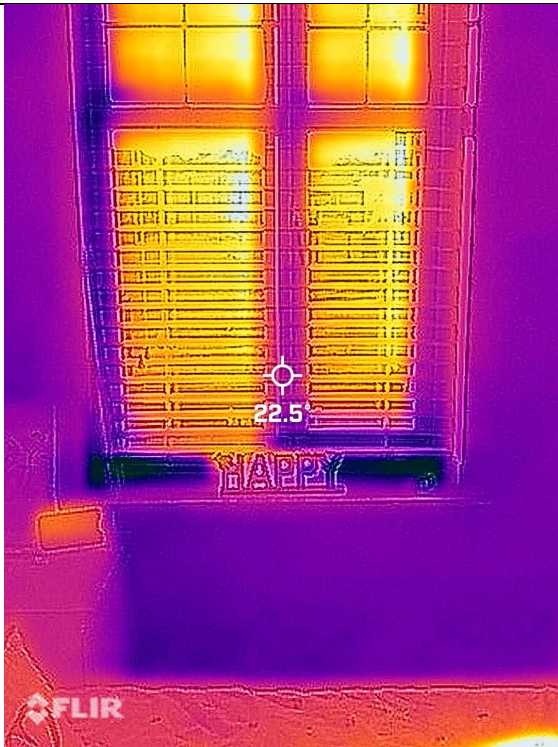
Left window – Concerns for heat loss on the LHS and the bottom of the window. Further investigation required.



**Image 10**

Concerns that the party wall lining at the front of the building seems to be losing heat. Further investigation required.





**Image 11**

Right Window – Concerns of heat loss at the bottom of the window. Potentially the openable windows are not sealing tight to frame when shut. Further investigation required.



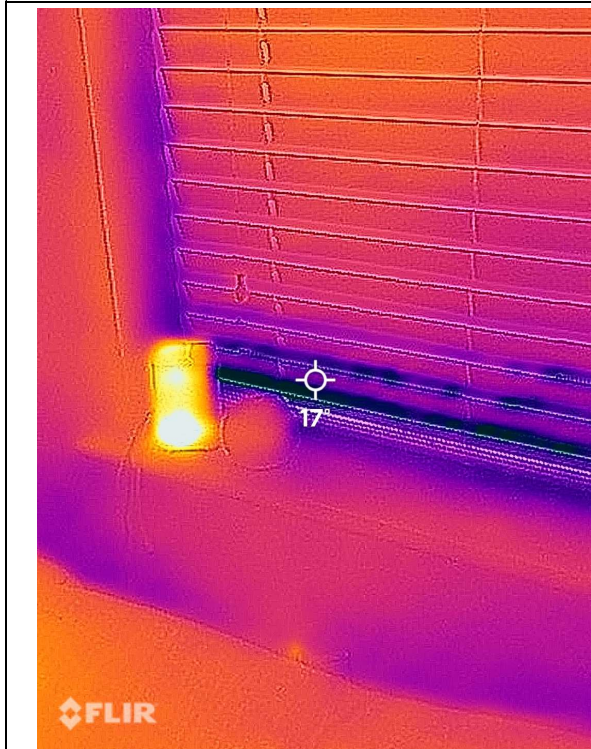
## Living room (rear)

All external walls where surveyed. No issues with the building fabric identified by the survey. Only concerns are below:



**Image 12**

Right window. Concerns of excessive heat loss at the bottom of the window. Potentially the windows are not sealed against the frame tight enough. Further investigation required.



**Image 13**

Left Window - Concerns of excessive heat loss at the bottom of the window. Potentially the windows are not sealed against the frame tight enough. Further investigation required.

# GROUND FLOOR

## Study

All external walls where surveyed. No issues with the building fabric identified by the survey. No concerns within this room.

## Hallway

All external walls where surveyed. No issues with the building fabric identified by the survey. Only concerns are below:



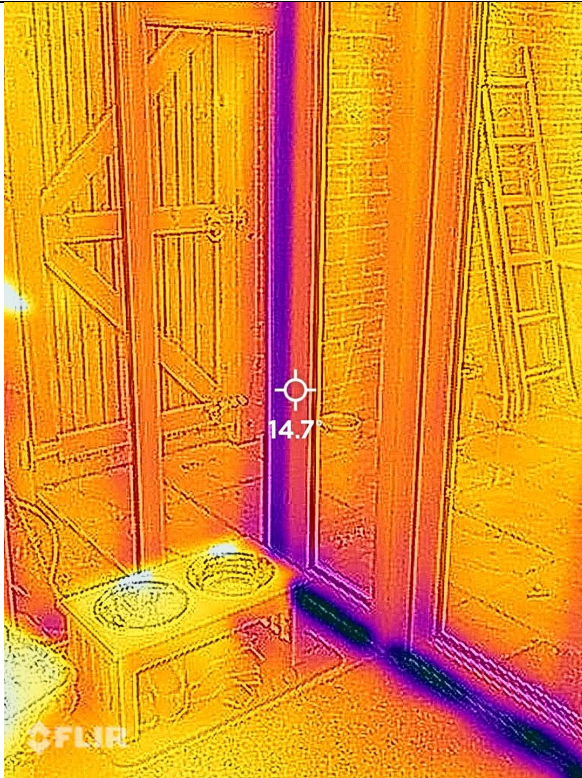
**Image 14**

Front door – concerns of excessive heat loss at the bottom of the door and on both side at low level. Potentially the door is out of plumb creating an insufficient seal where identified. Further investigation required.



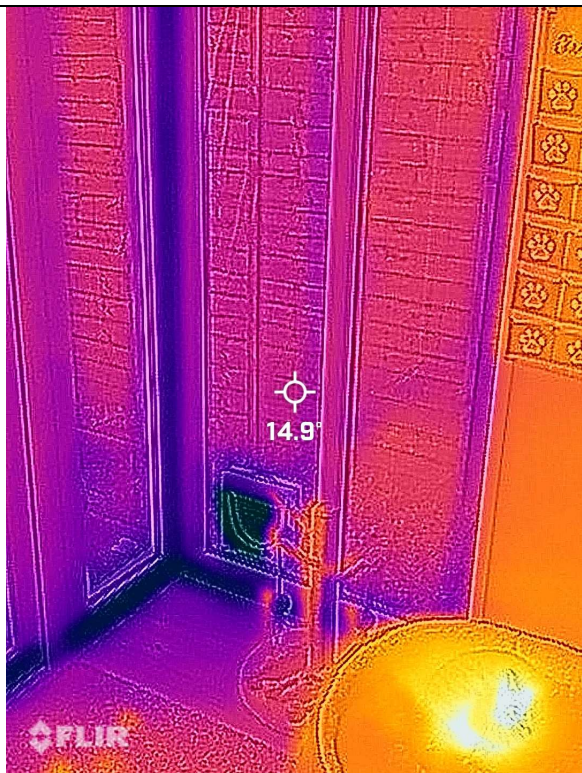
## Dining

All external walls where surveyed. No issues with the building fabric identified by the survey. Only concerns are below:



**Image 15**

Rear conservatory LHS – concerns of heat loss at the low-level junction to the floor and vertically up the corner post. Further investigation required.



**Image 16**

Rear conservatory RHS - concerns of heat loss at the low-level junction to the floor and vertically up the corner post. Further investigation required.