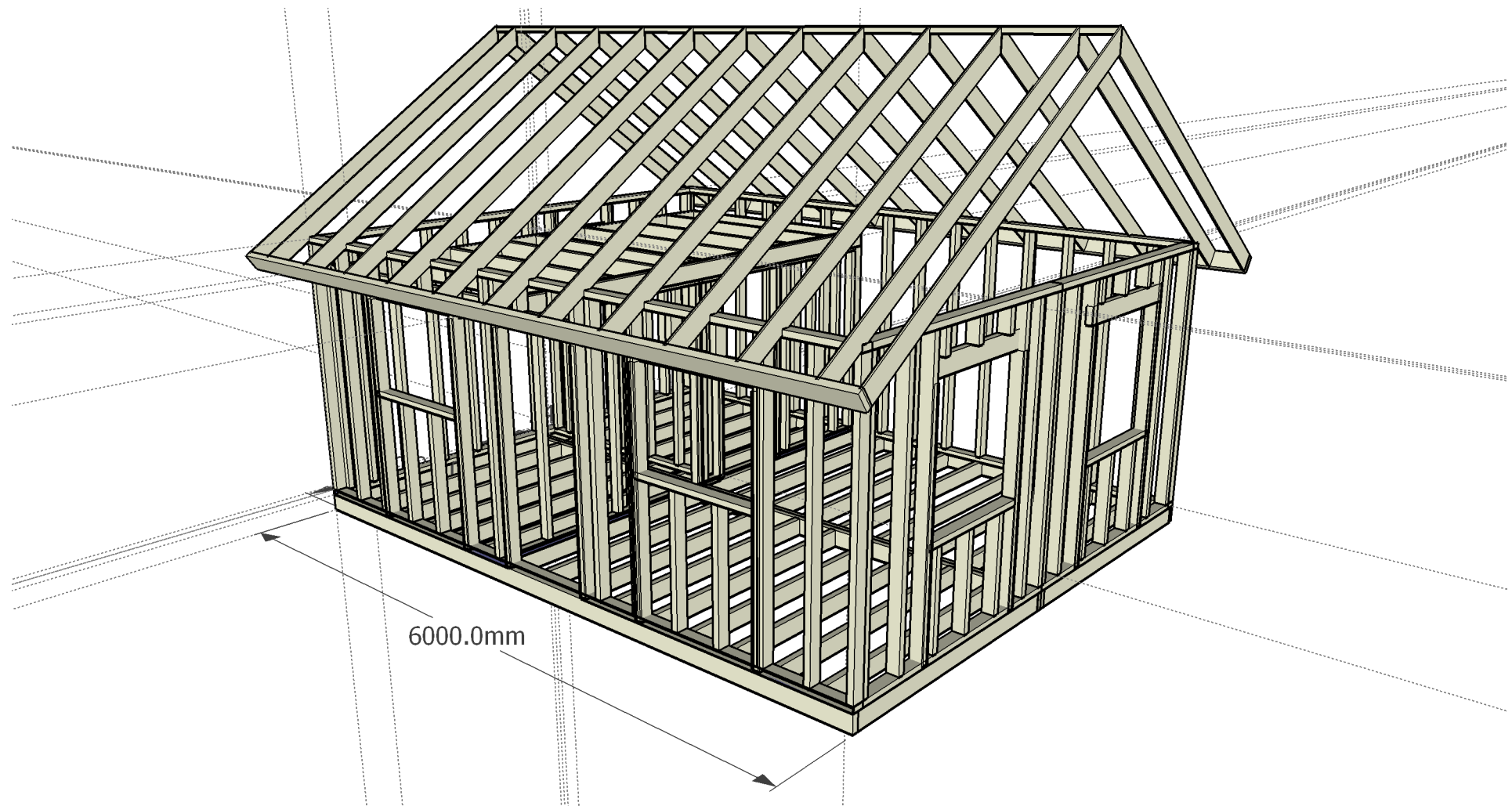


# The Cabin

## Design, Layout and Wood Required



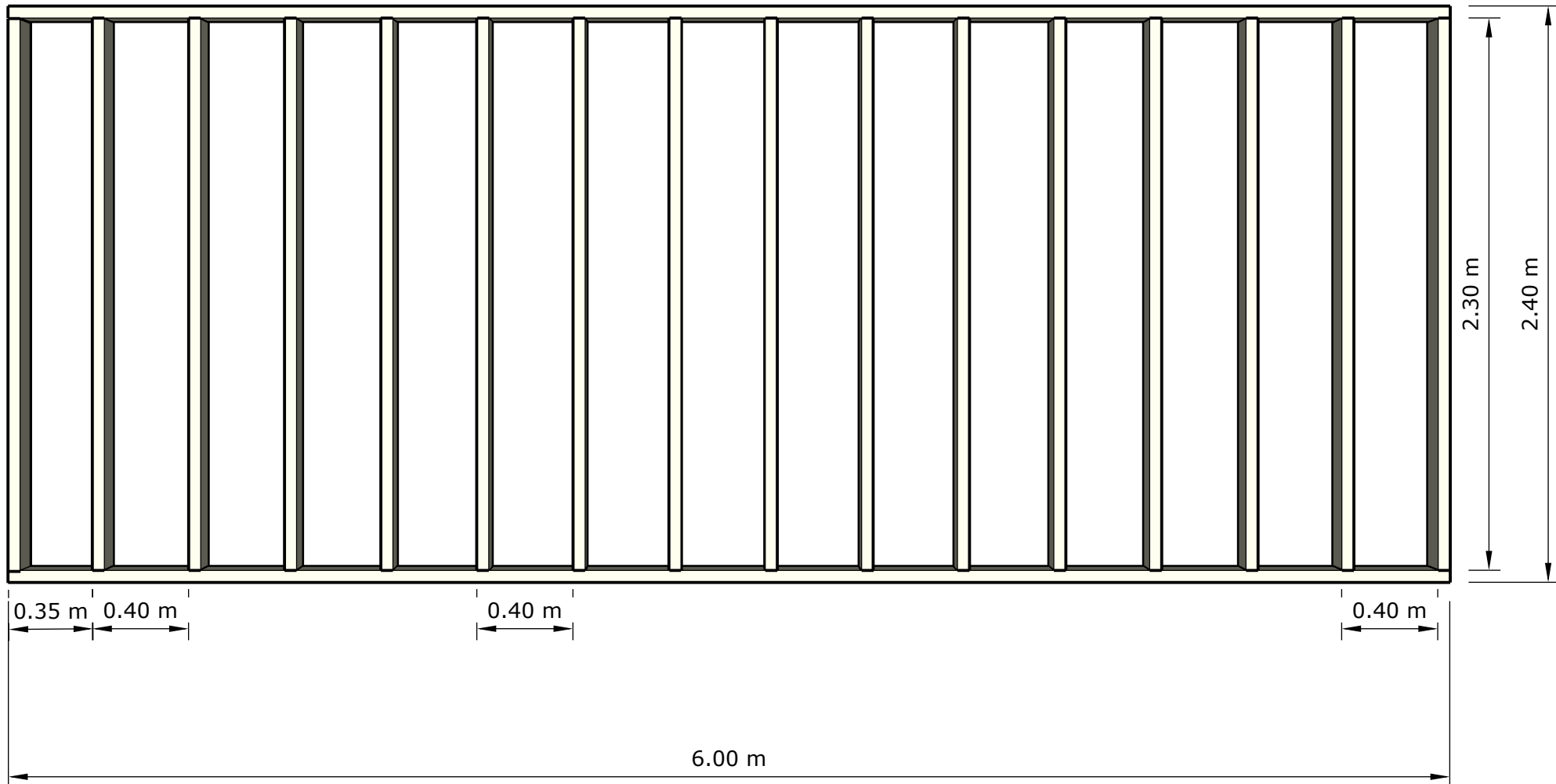
**June 2015 Version 2 -**

**Updated rafter and loft spacings 600 mm  
Interior walls now 50 x 75**

## Floor Joists Layout.

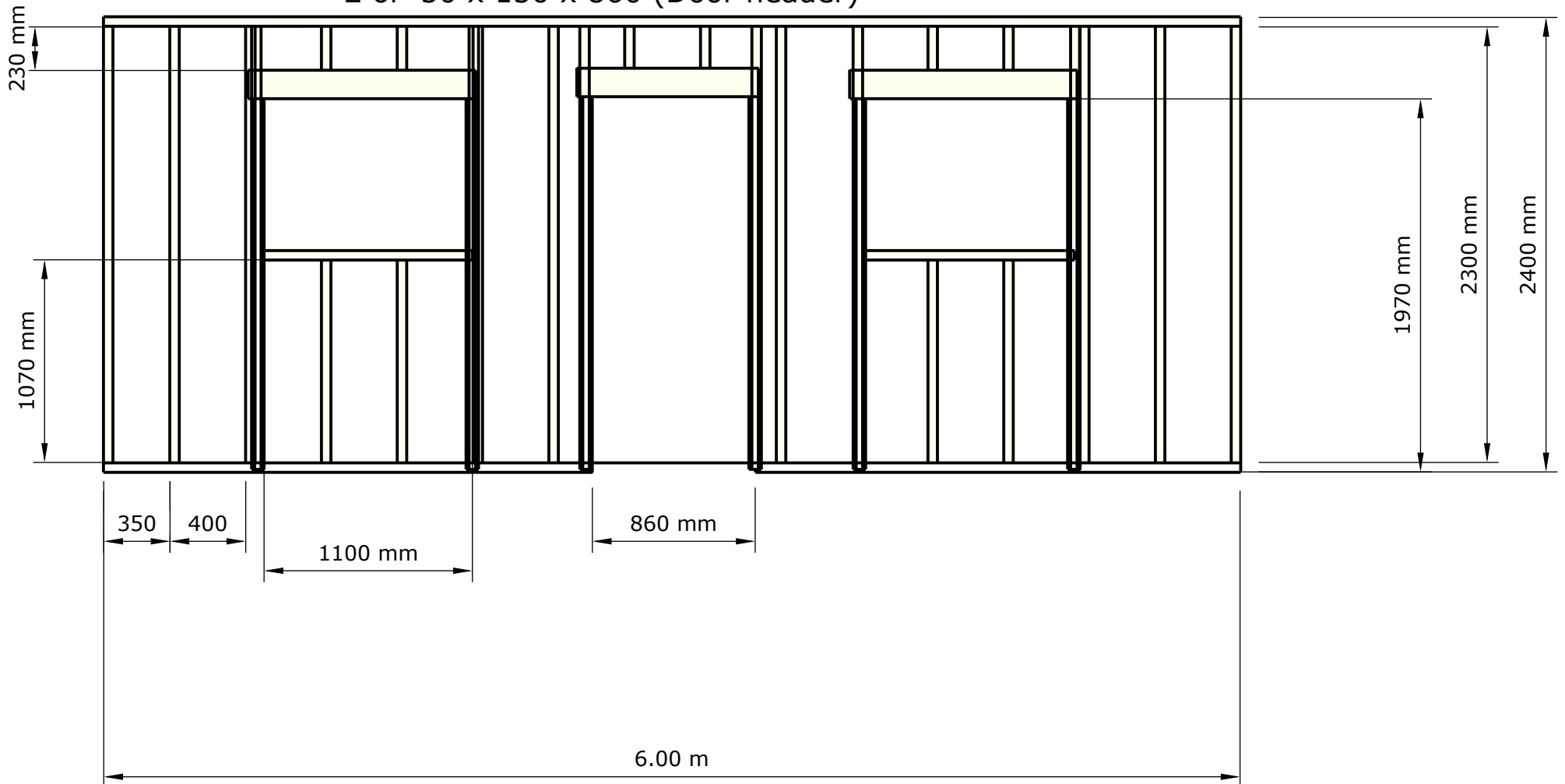
Two of these required.  
Bolted together.

Wood required (for entire floor): 4 of 50 x 150 x 6000 (outside frame)  
32 of 50 x 150 x 2300 (floor joists)



# Front Wall Layout.

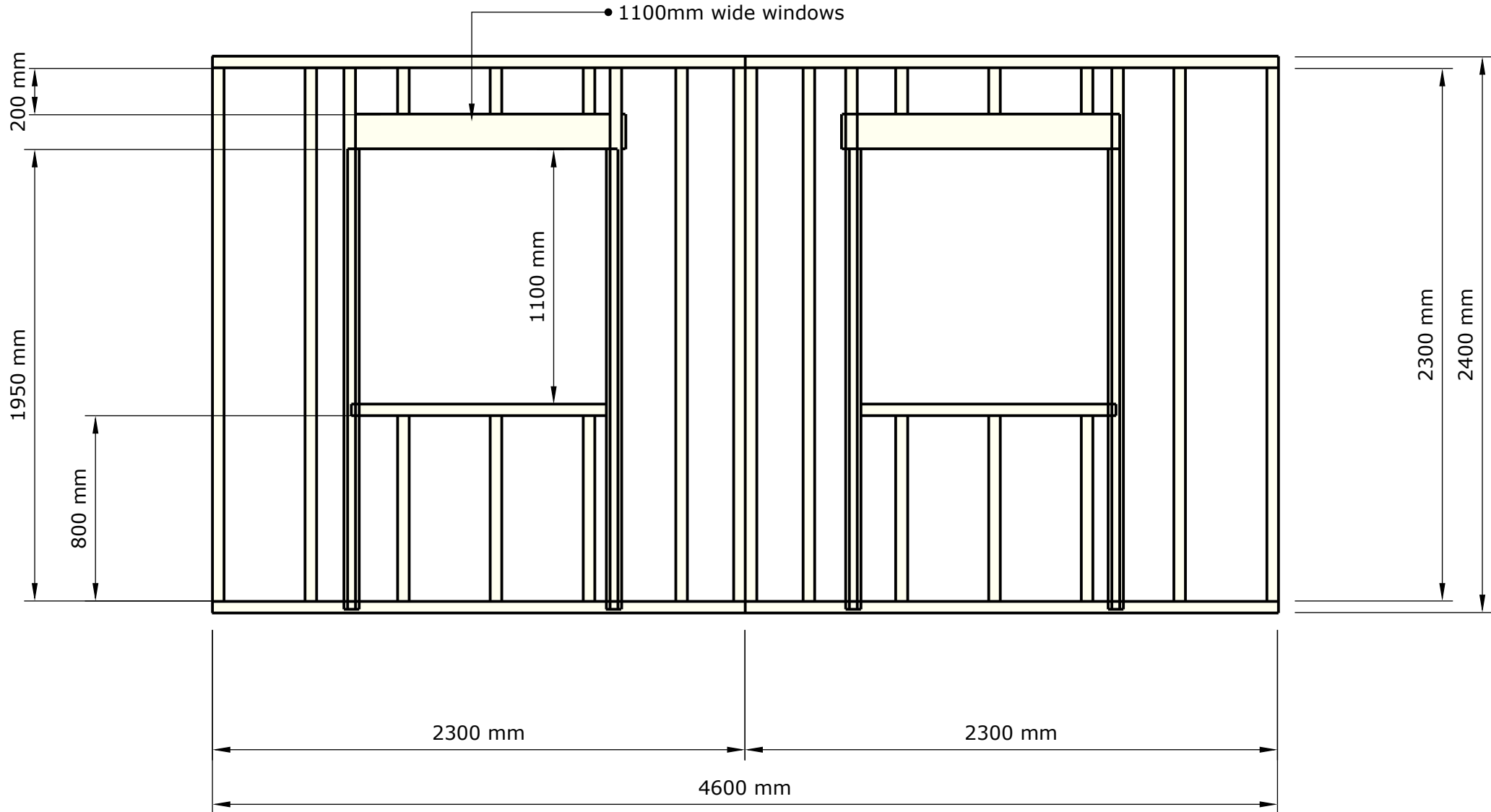
Wood required: 2 of 50 x 100 x 6000 (Top and bottom plates)  
10 of 50 x 100 x 2300 (Full Studs)  
8 of 50 x 100 x 1070 (Under window studs)  
12 of 50 x 100 x 230 (over window and door studs)  
4 of 50 x 150 x 1100 (window headers)  
2 of 50 x 150 x 860 (Door header)



# Right End Wall Layout.

Two halves bolted together to create one wall.

- Wood required:
- 4 of 50 x 100 x 2300 (Top and bottom plates)
  - 12 of 50 x 100 x 2300 (Full Studs)
  - 8 of 50 x 100 x 800 (Under window studs)
  - 10 of 50 x 100 x 200 (over window and door studs)
  - 4 of 50 x 150 x 1100 (window headers)

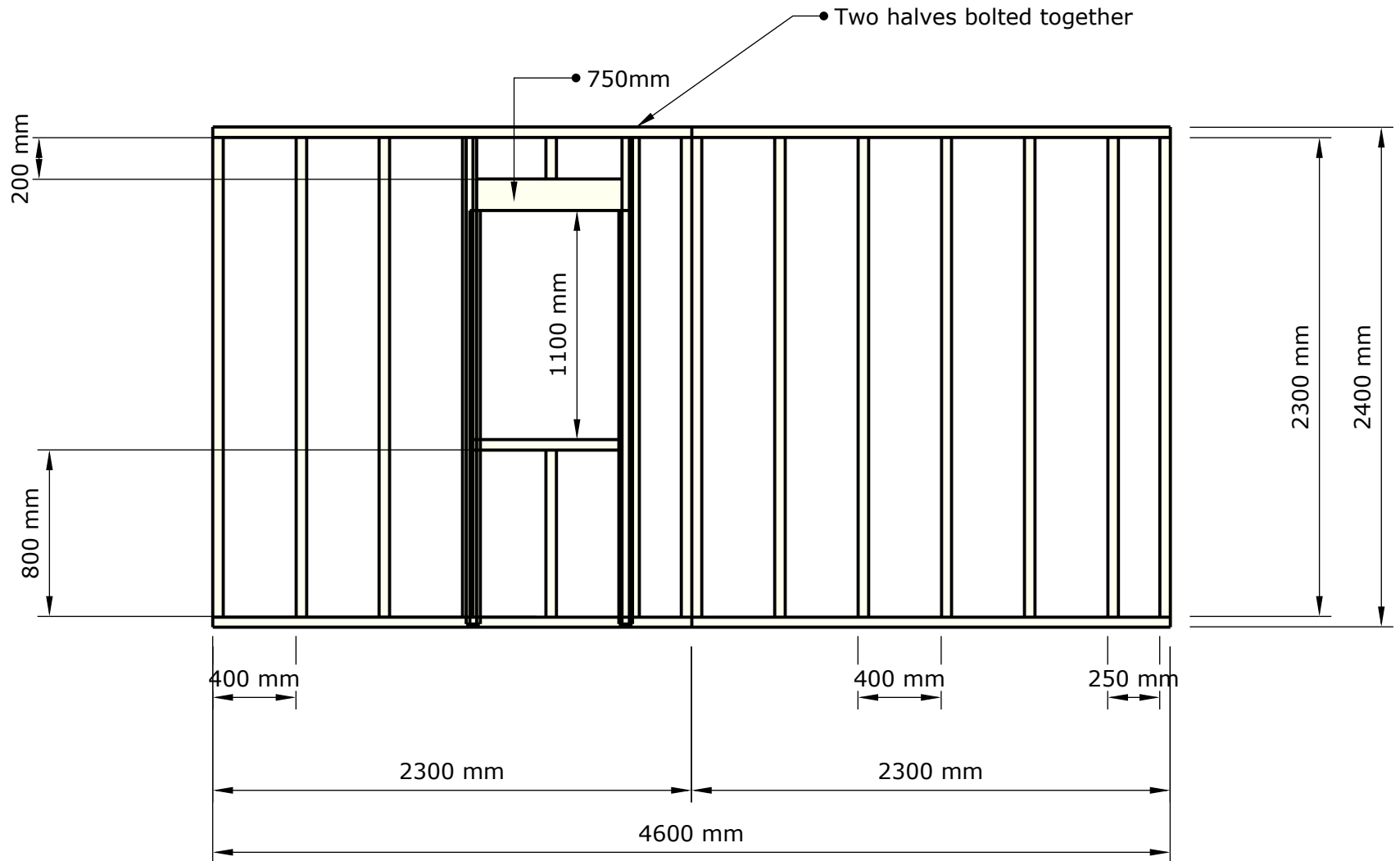


## Left End Wall Layout.

Two halves bolted together to create one wall.

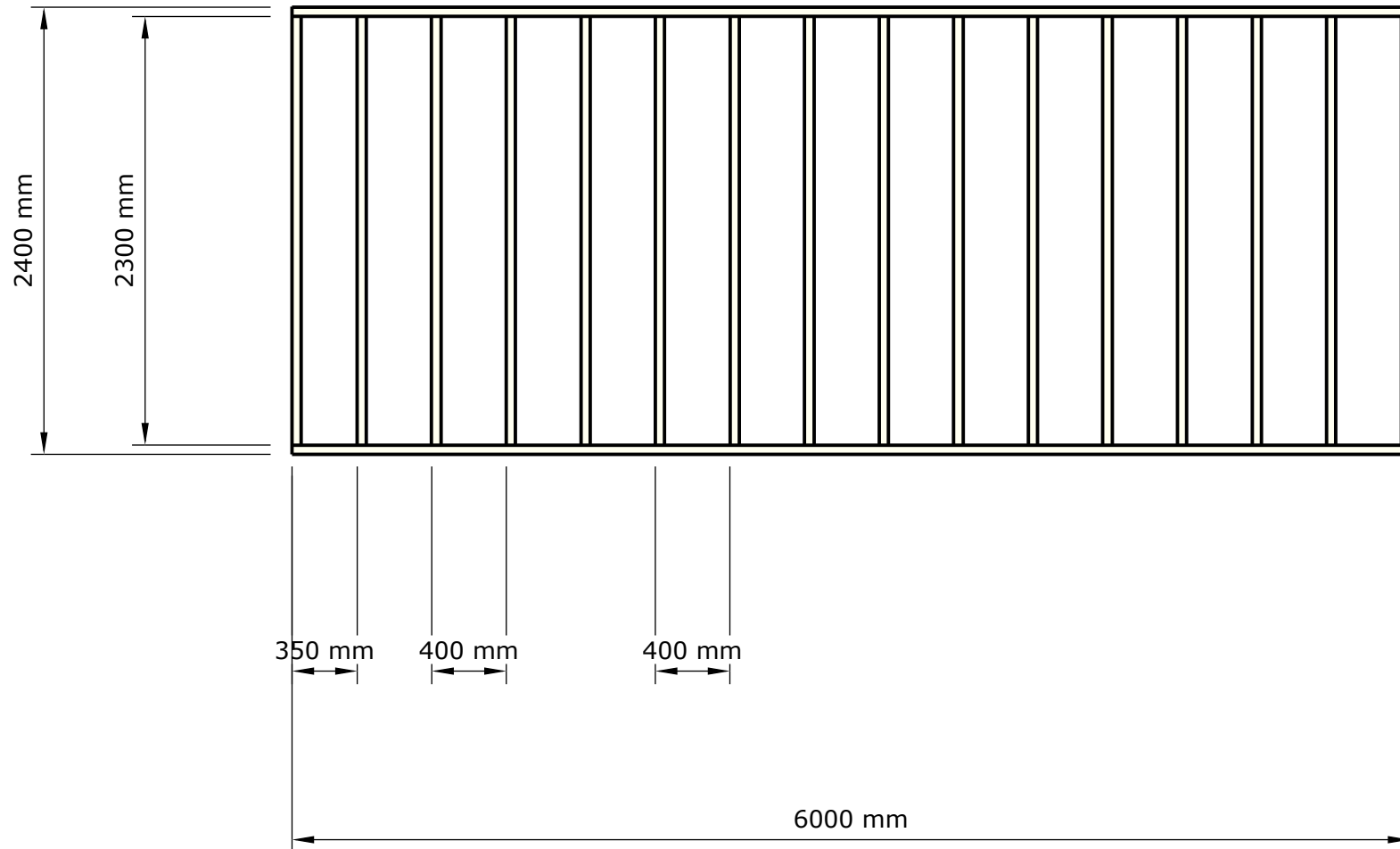
Wood required:

- 4 of 50 x 100 x 2300 (Top and bottom plates)
- 13 of 50 x 100 x 2300 (Full Studs)
- 3 of 50 x 100 x 800 (Under window studs)
- 3 of 50 x 100 x 200 (over window and door studs)
- 2 of 50 x 150 x 750 (window headers)



## Back Wall Layout.

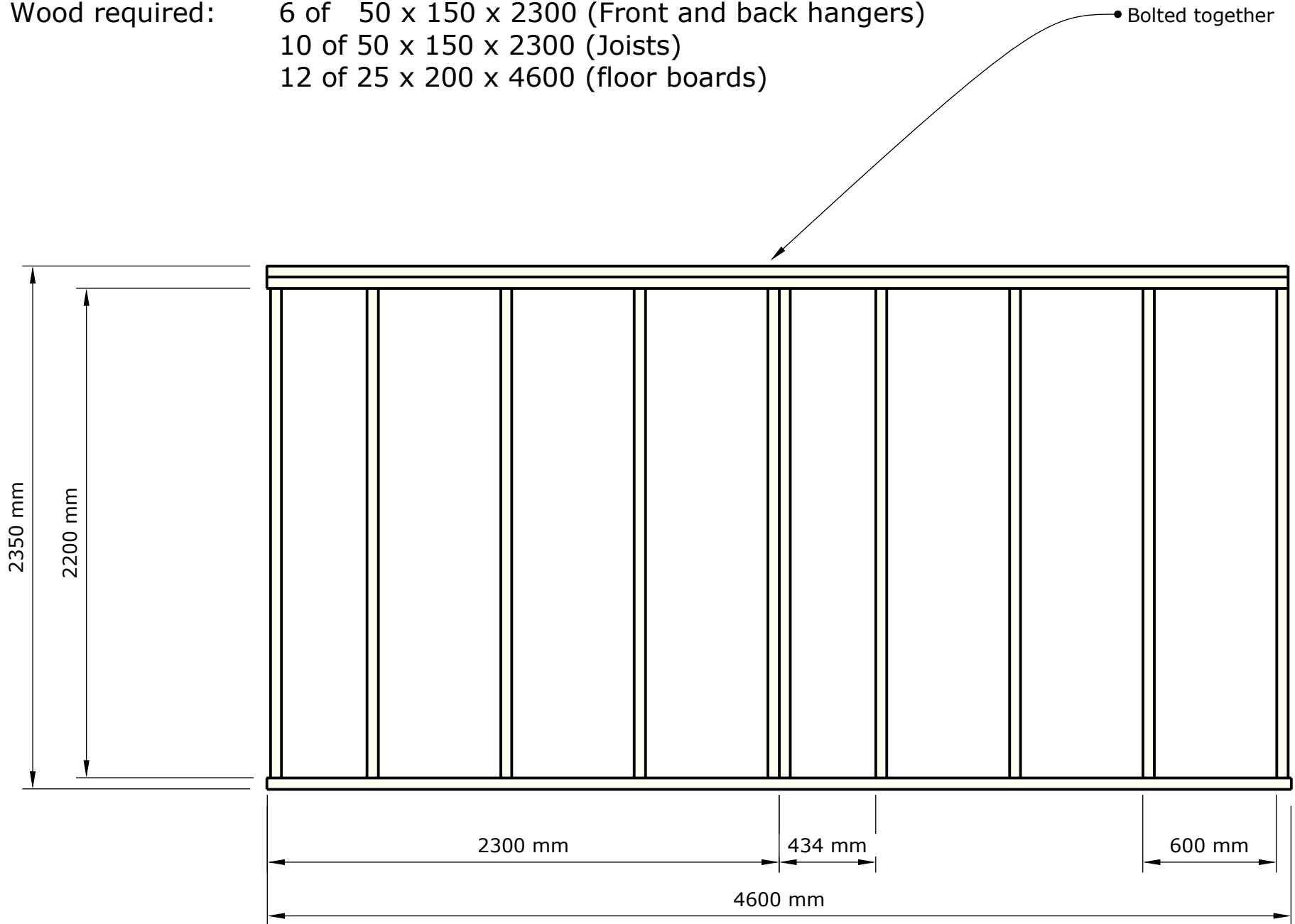
Wood required:    2 of 50 x 100 x 6000 (Top and bottom plates)  
                          16 of 50 x 100 x 2300 (Full Studs)  
                          8 of 50 x 100 x 1070 (Under window studs)



## Loft Layout.

Two halves bolted together. Supported at centre by a bearing post.

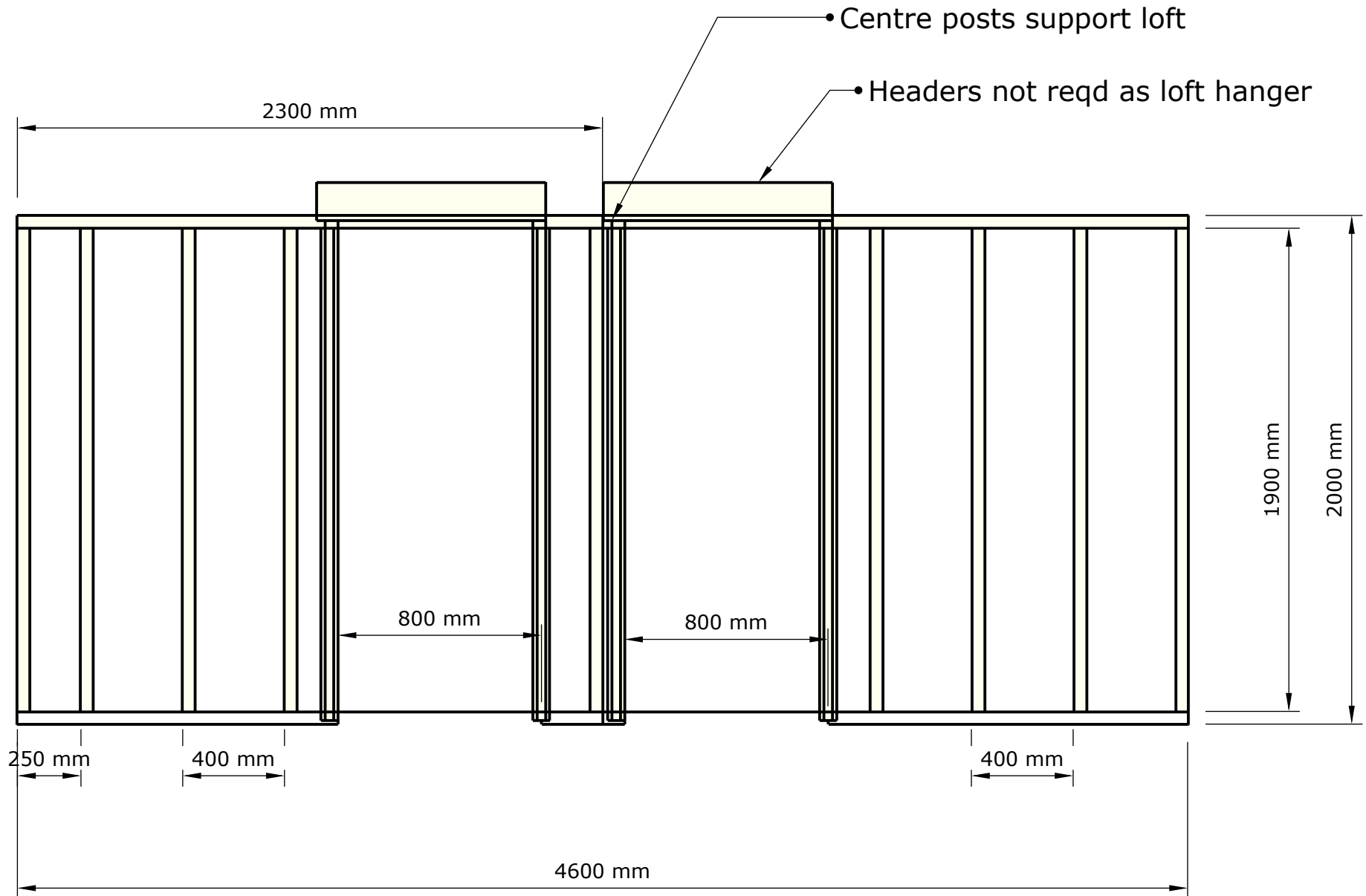
Wood required: 6 of 50 x 150 x 2300 (Front and back hangers)  
10 of 50 x 150 x 2300 (Joists)  
12 of 25 x 200 x 4600 (floor boards)



## Internal Dividing Wall Layout.

Two halves bolted together to create one wall.

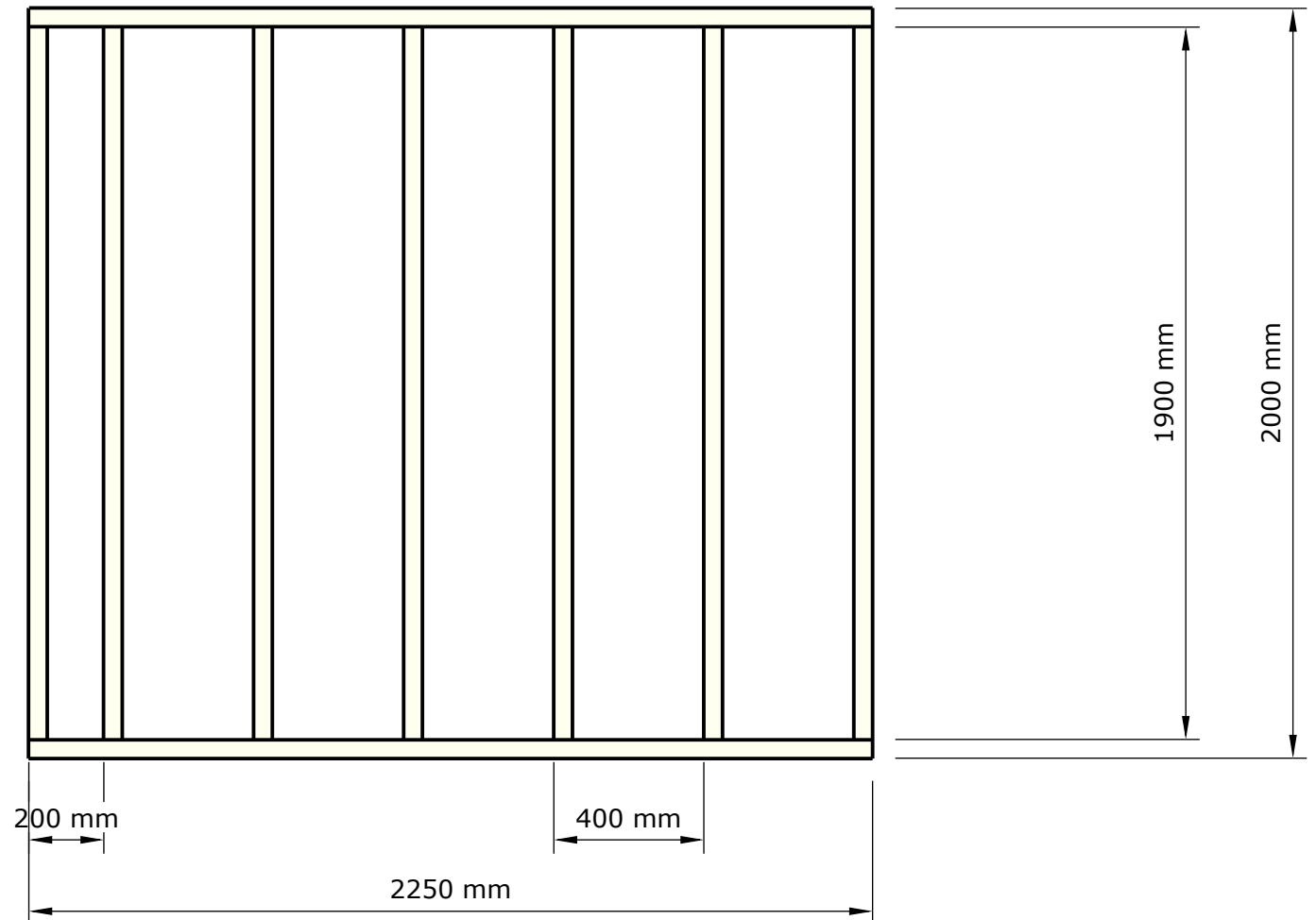
Wood required: 4 of 50 x 75 x 2300 (Top and bottom plates)  
14 of 50 x 75 x 1900 (Full Studs)





# Bedroom Internal Dividing Wall Layout.

Wood required: 2 of 50 x 75 x 2250 (Top and bottom plates)  
7 of 50 x 75 x 1900 (Full Studs)



## Roof Layout.

Double ridge board bolted together.

Wood required: 22 of 50 x 150 x 3448 (Common Rafters). Total length of rafter before angles cut.

2 of 25 x 200 x 6000 (Ridge poles bolted together)

Facia boards

