

Bocce Courts - Constructional Information

Special Olympics Athens 2011

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This document provides generic constructional information for the Bocce courts that were used during the Special Olympics Athens 2011 World Games.



Court Walls

1. Material Used

The material used for the court walls consists of melamine & novopan (Fig 1), 16mm total thickness. This material is for indoor use.

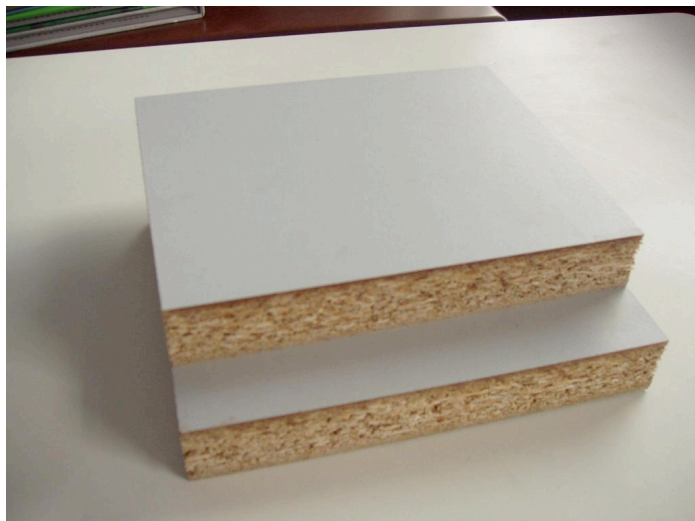


Fig. 1: Melamine & Novopan

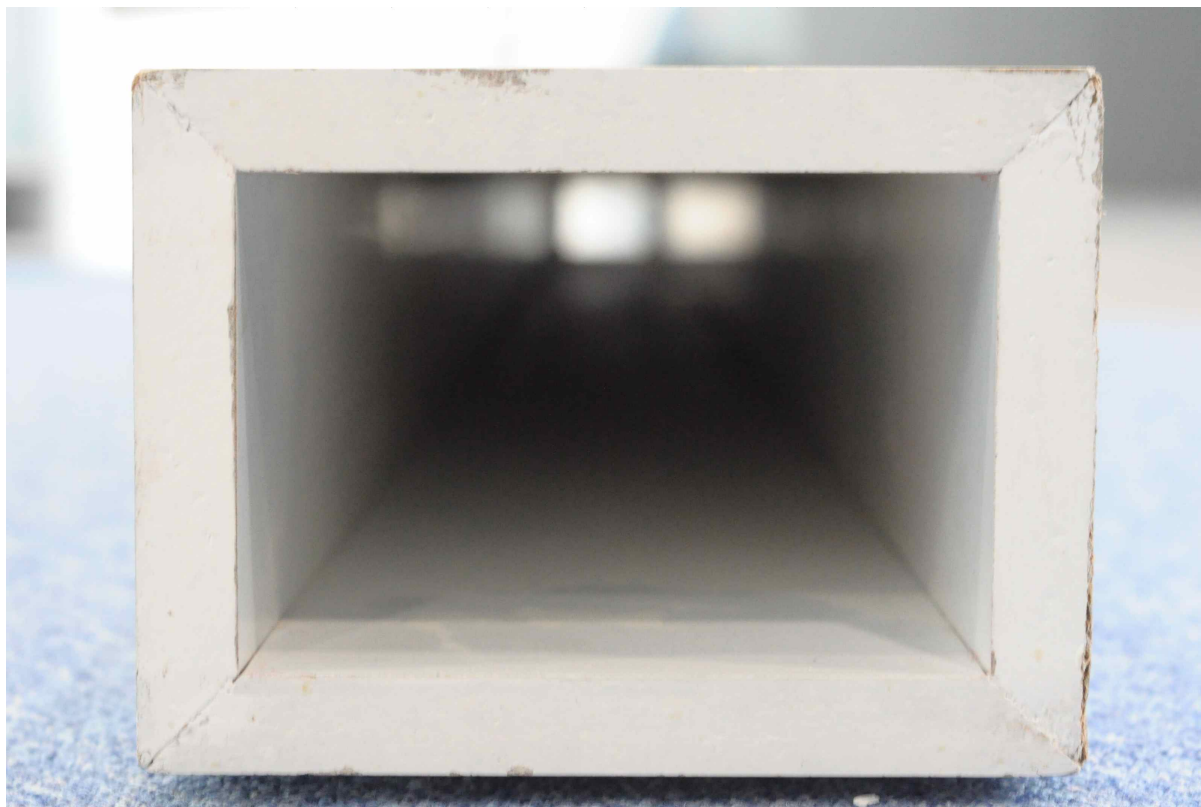


Fig. 2: Cross section of court wall

In order to construct the 4 sides of the wall, 4 pieces of melamine are glued together (Fig. 2), no screws or nails are used.

2. Pieces

The court walls consist of 20 pieces in total (Fig. 3). These pieces are described in detail below:

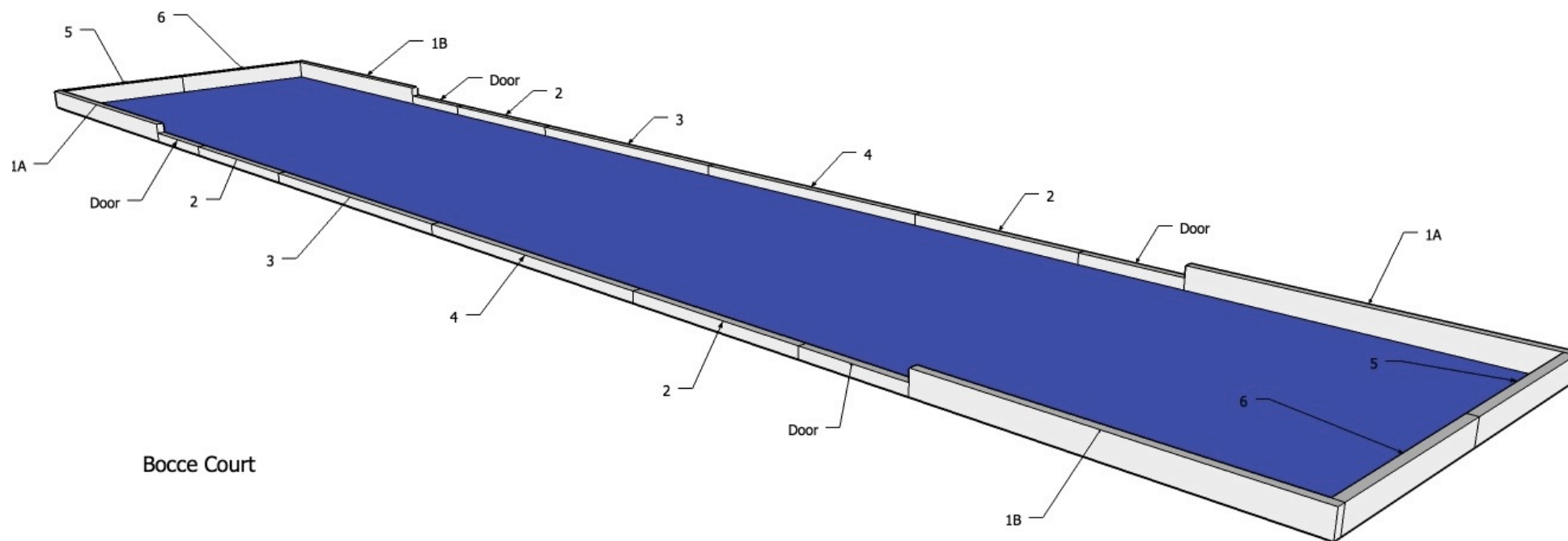


Fig. 3: Bocce Court

Door

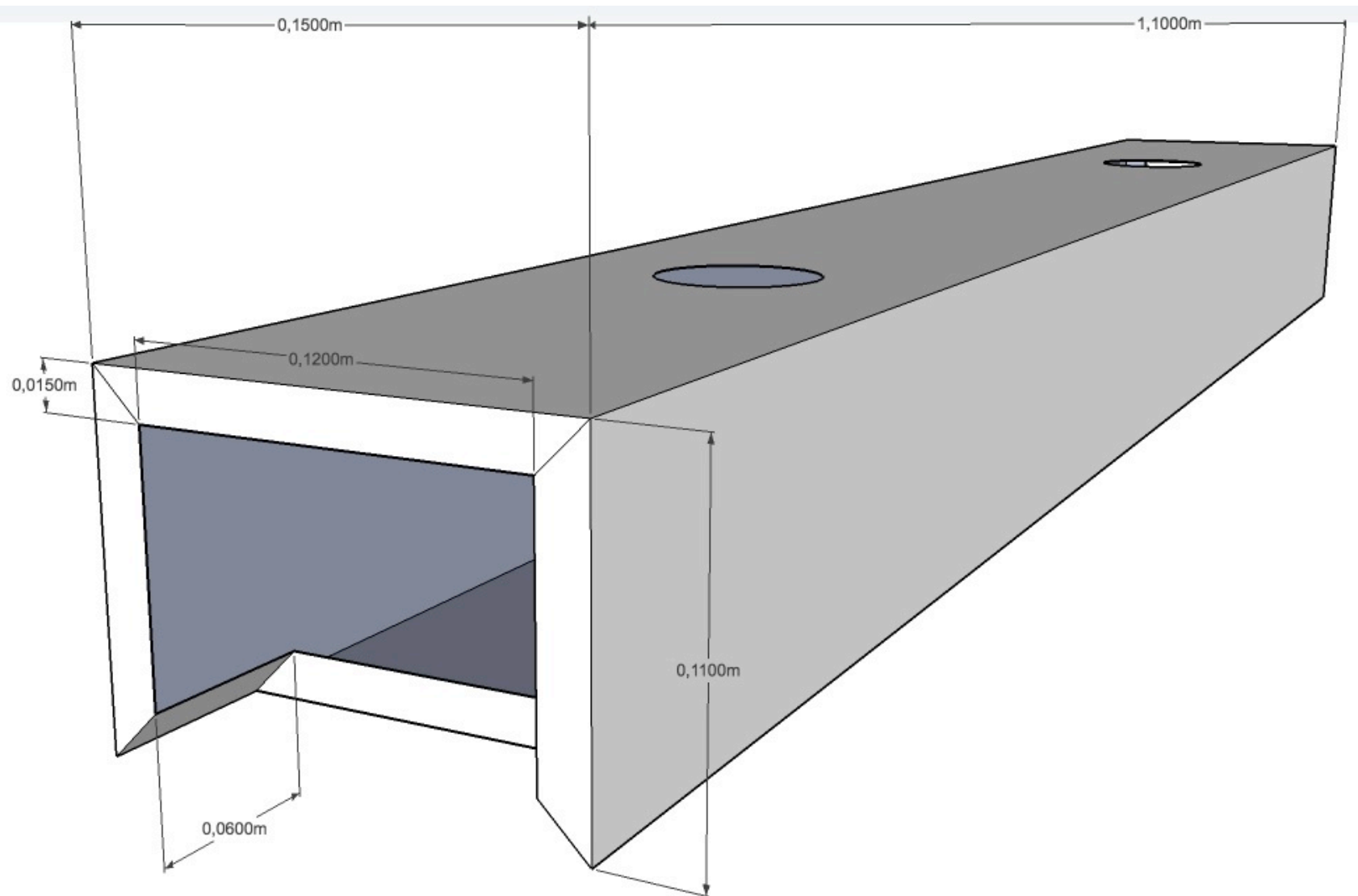


Fig. 4: Door

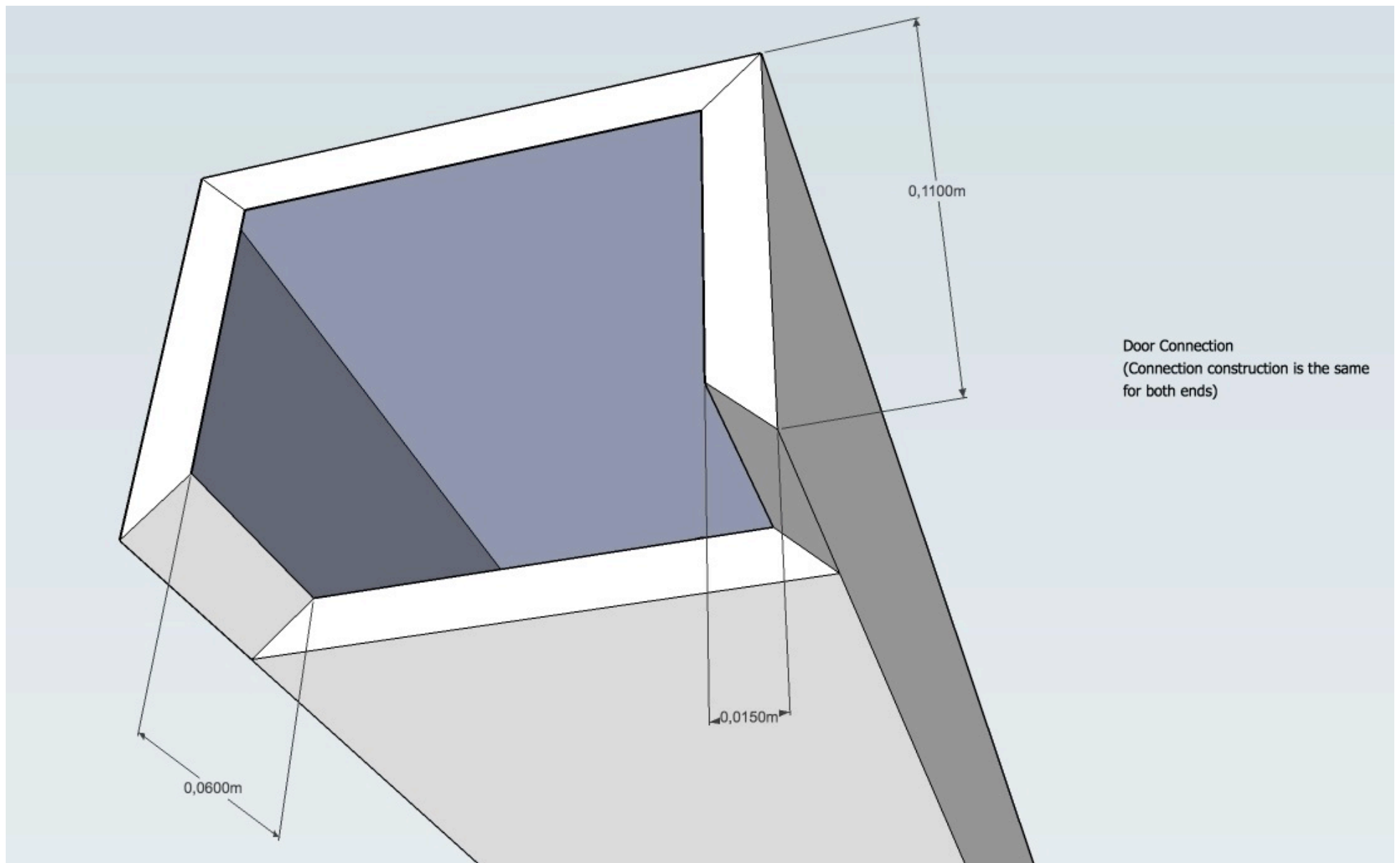


Fig. 5: Door - connection to piece 1A/1B and piece 2



Fig. 6: Door - top view

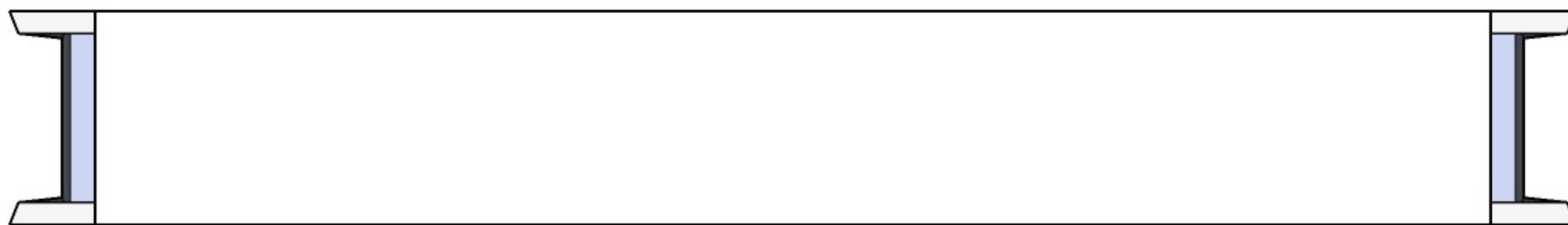
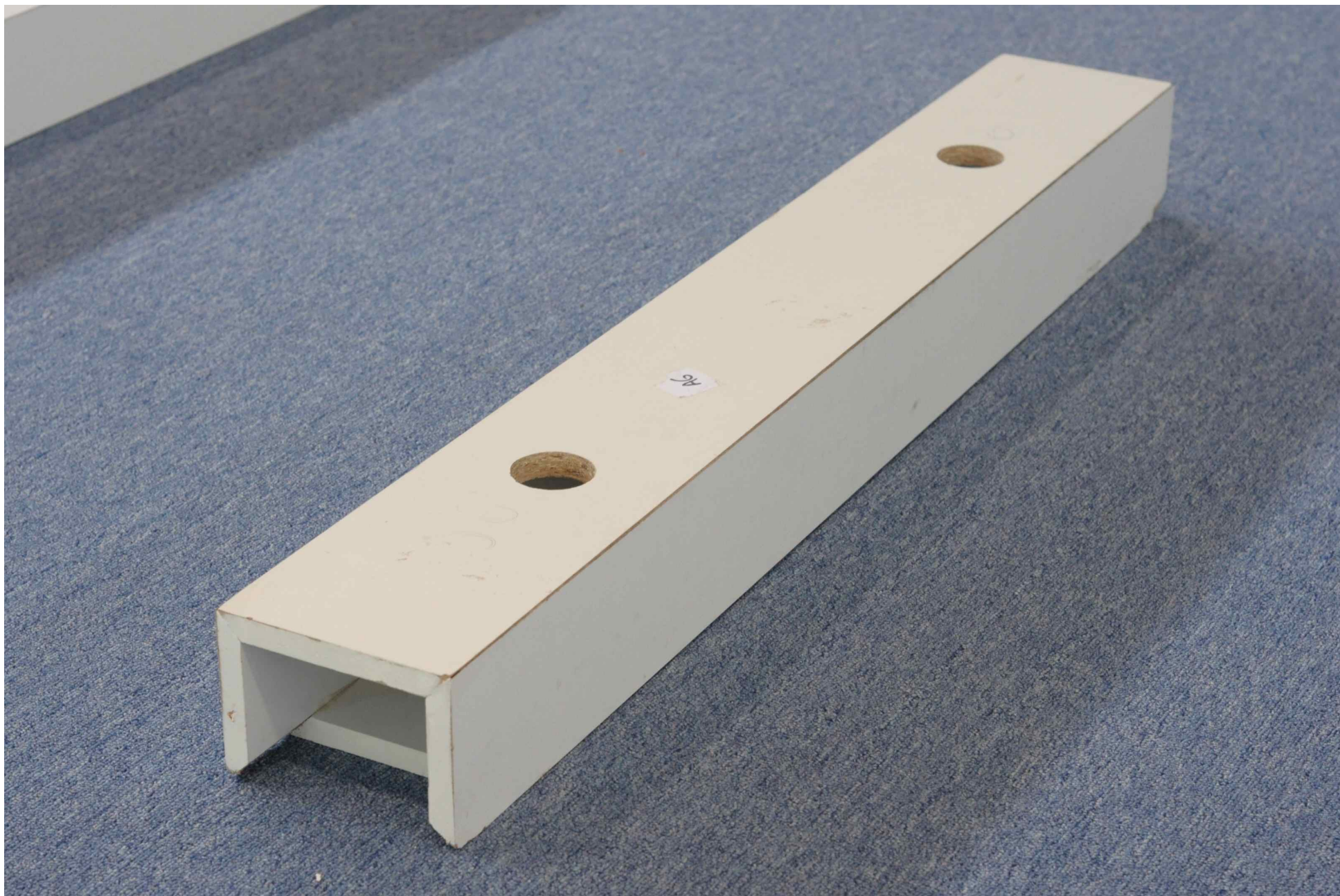


Fig. 7: Door - bottom view





Piece 2

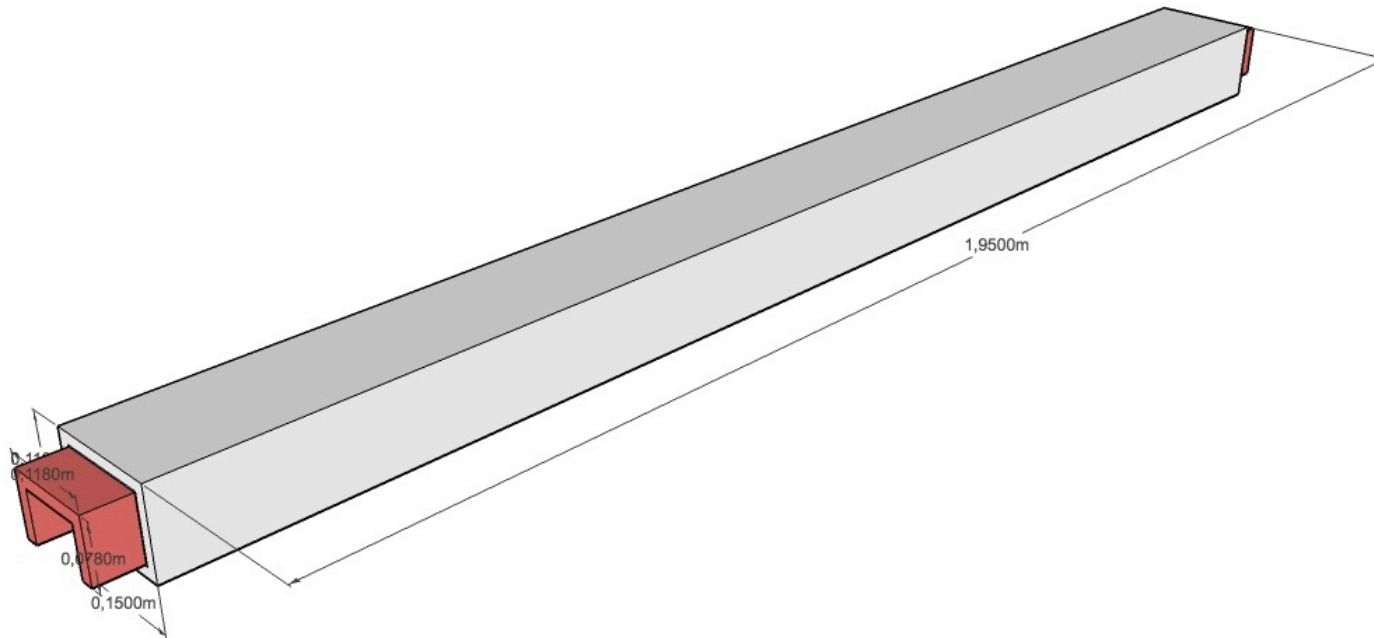


Fig. 8: Piece 2

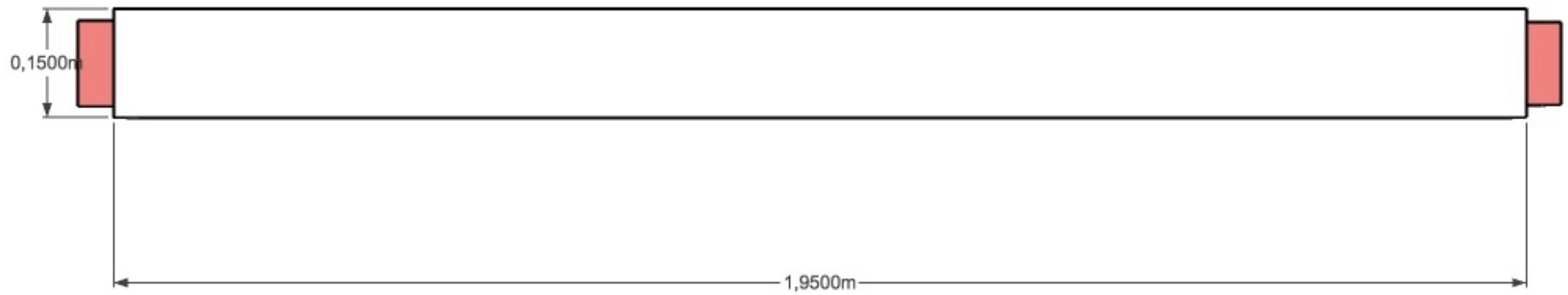


Fig. 9: Piece 2 - top view

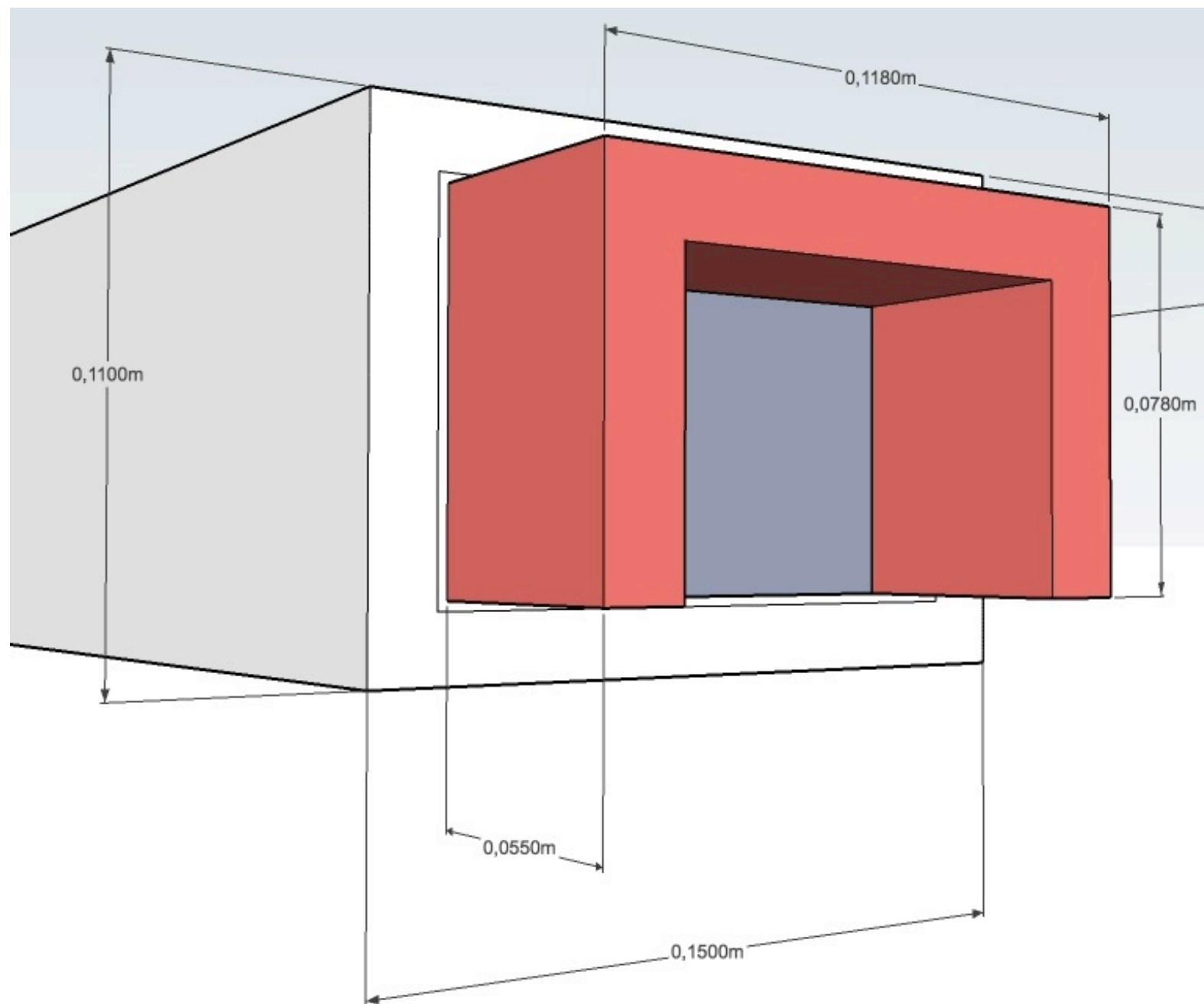


Fig 10: Piece 2 - Connection to door and piece 3









Piece 3

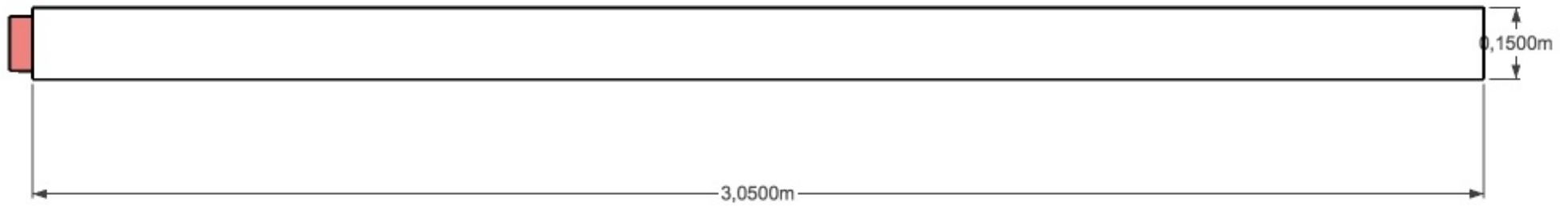


Fig II: Piece 3 - top view

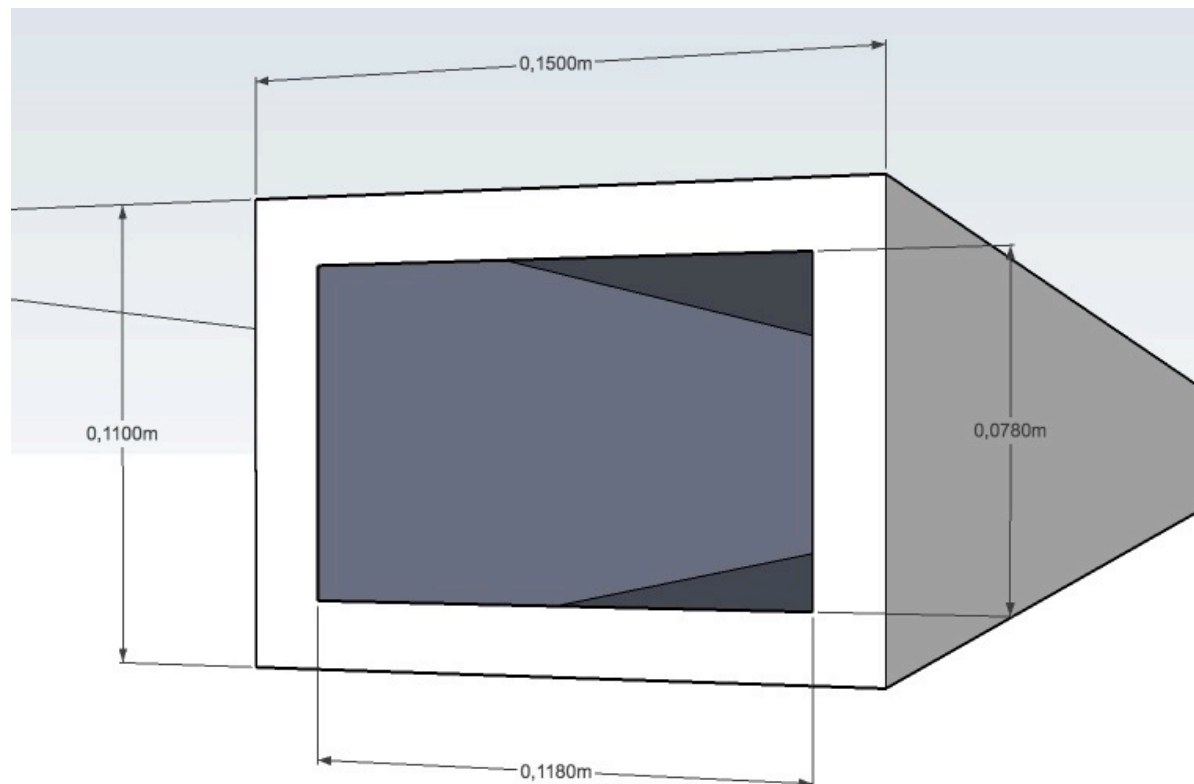


Fig I2. Piece 3 - connection to piece 2

Piece 4

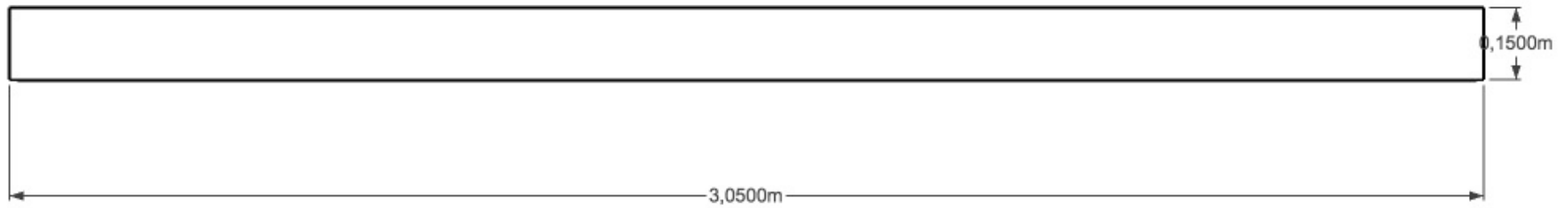


Fig 13: Piece 4 - top view

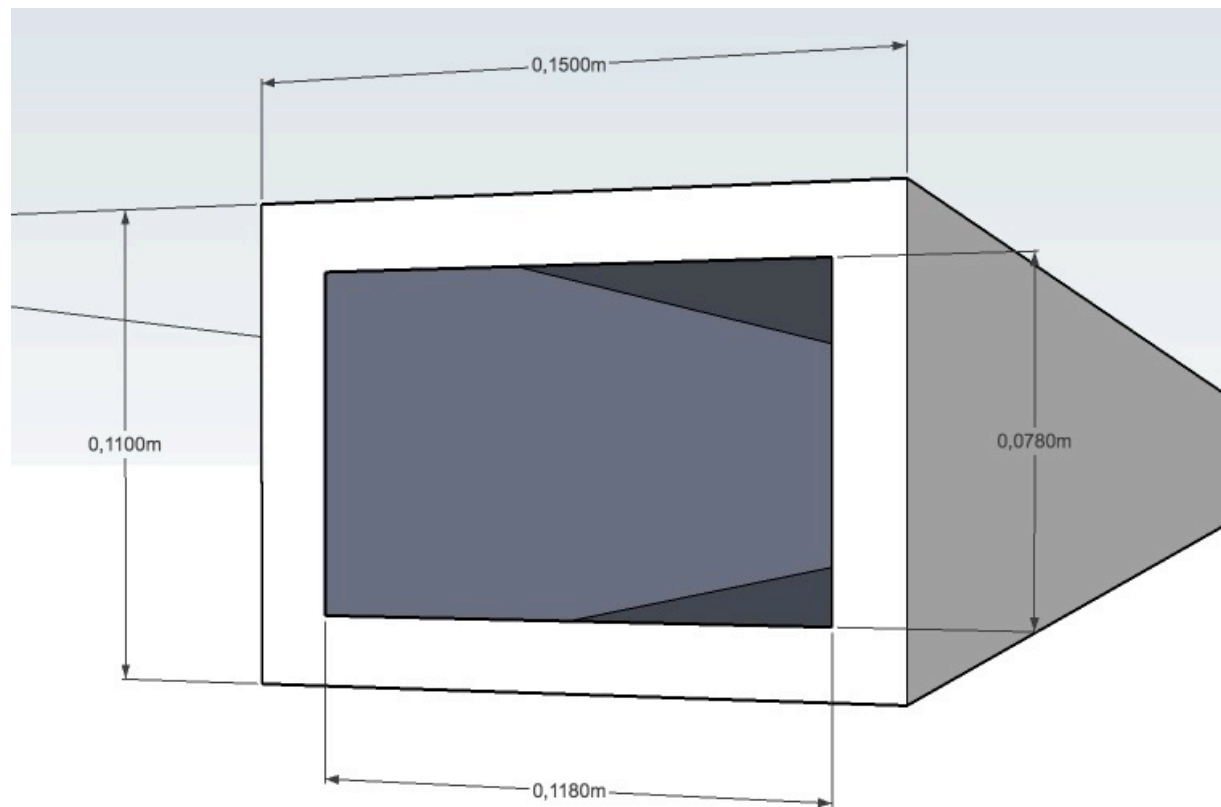


Fig 14. Piece 4 - connection to piece 2 and piece 3

Piece 5



Fig 15: Pice 5 - top view

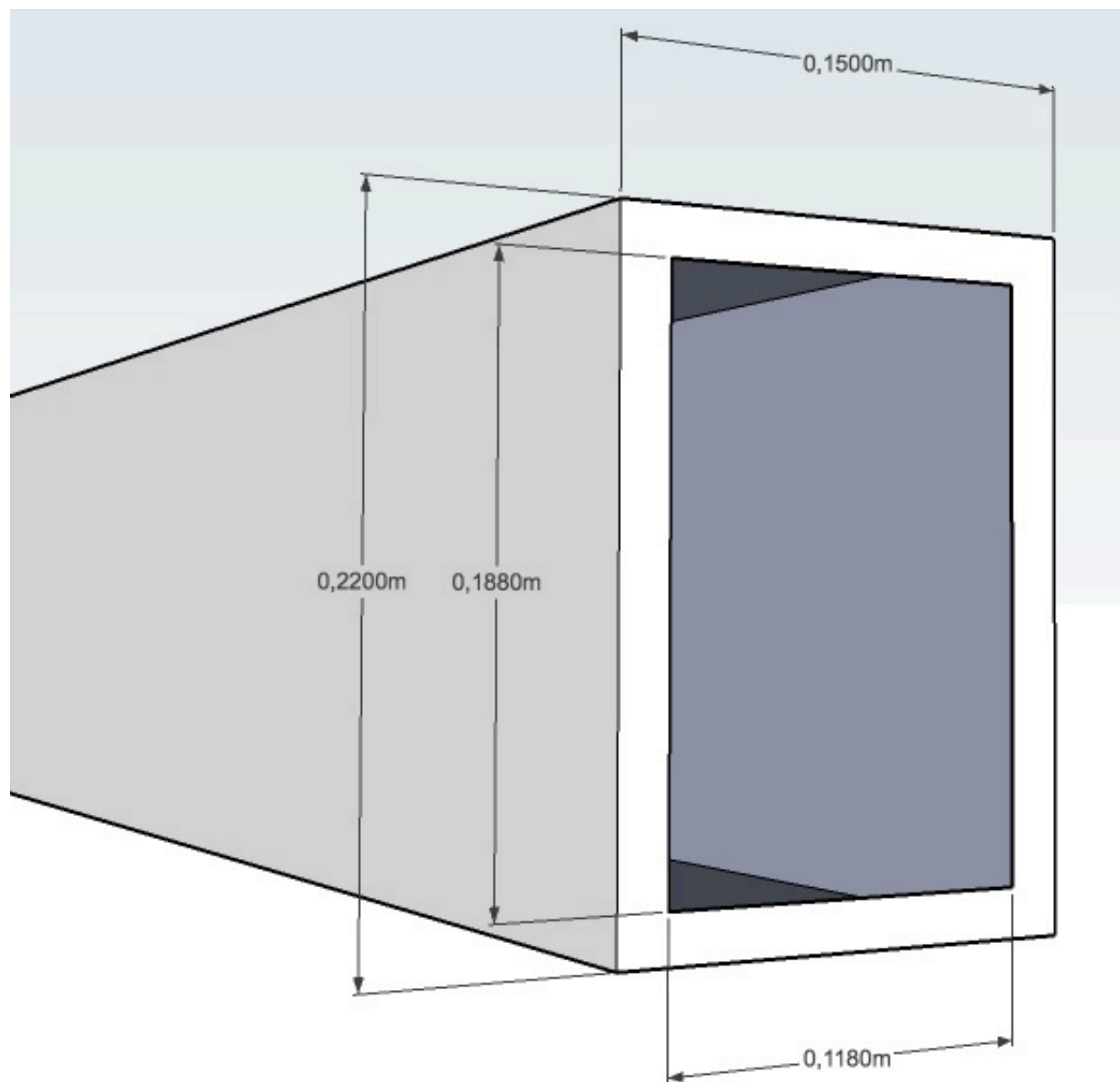


Fig 16: Piece 5 - connection to 6 and 1A

Piece 6

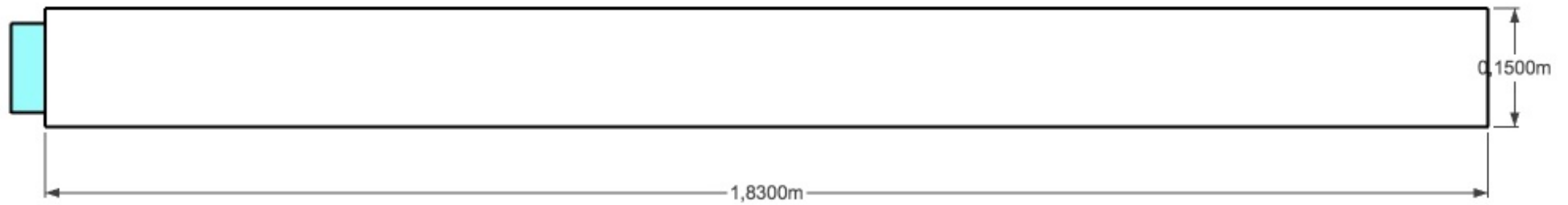


Fig 17: Piece 6 - top view

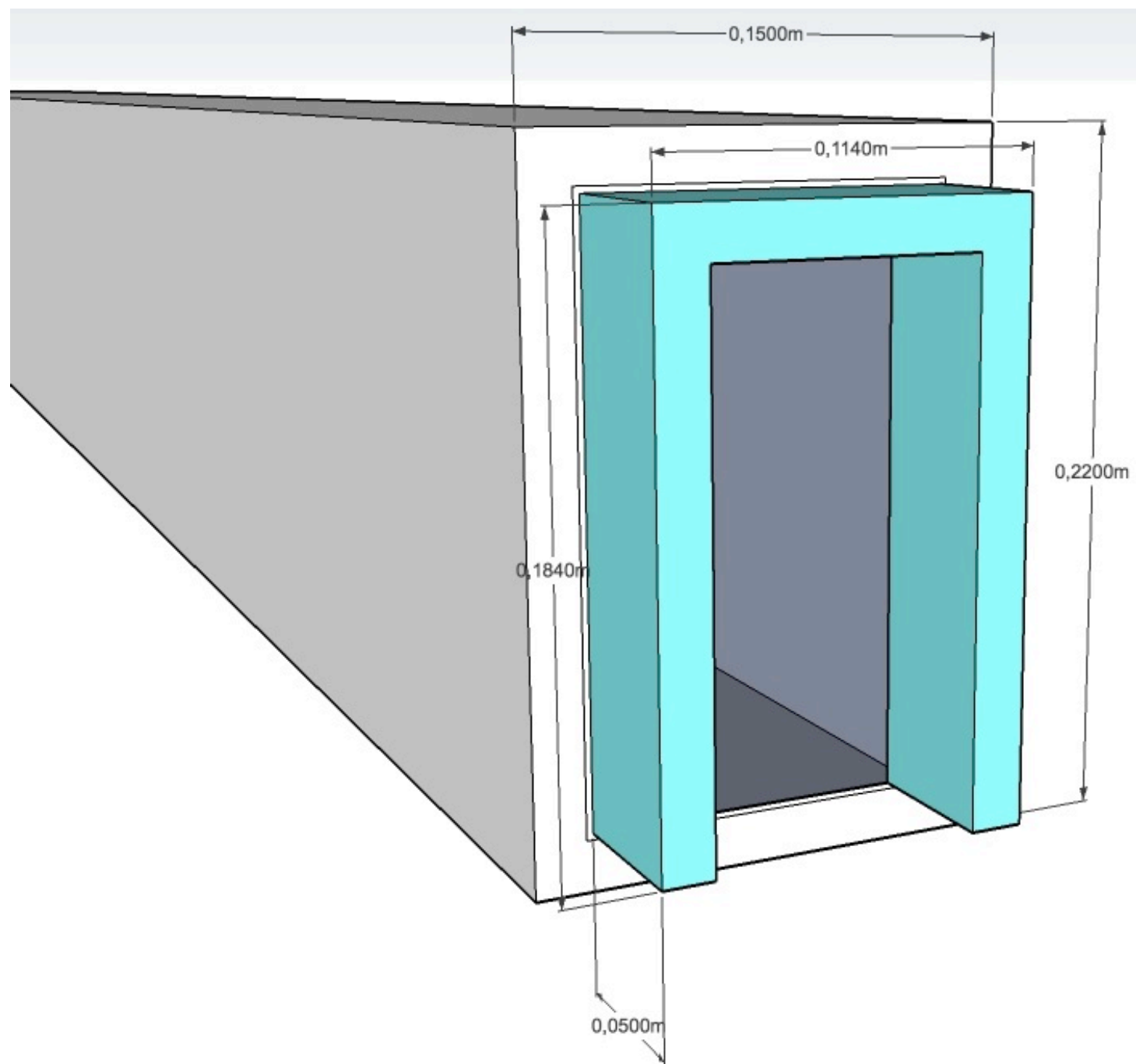


Fig. 18: Piece 6 - connection to 5

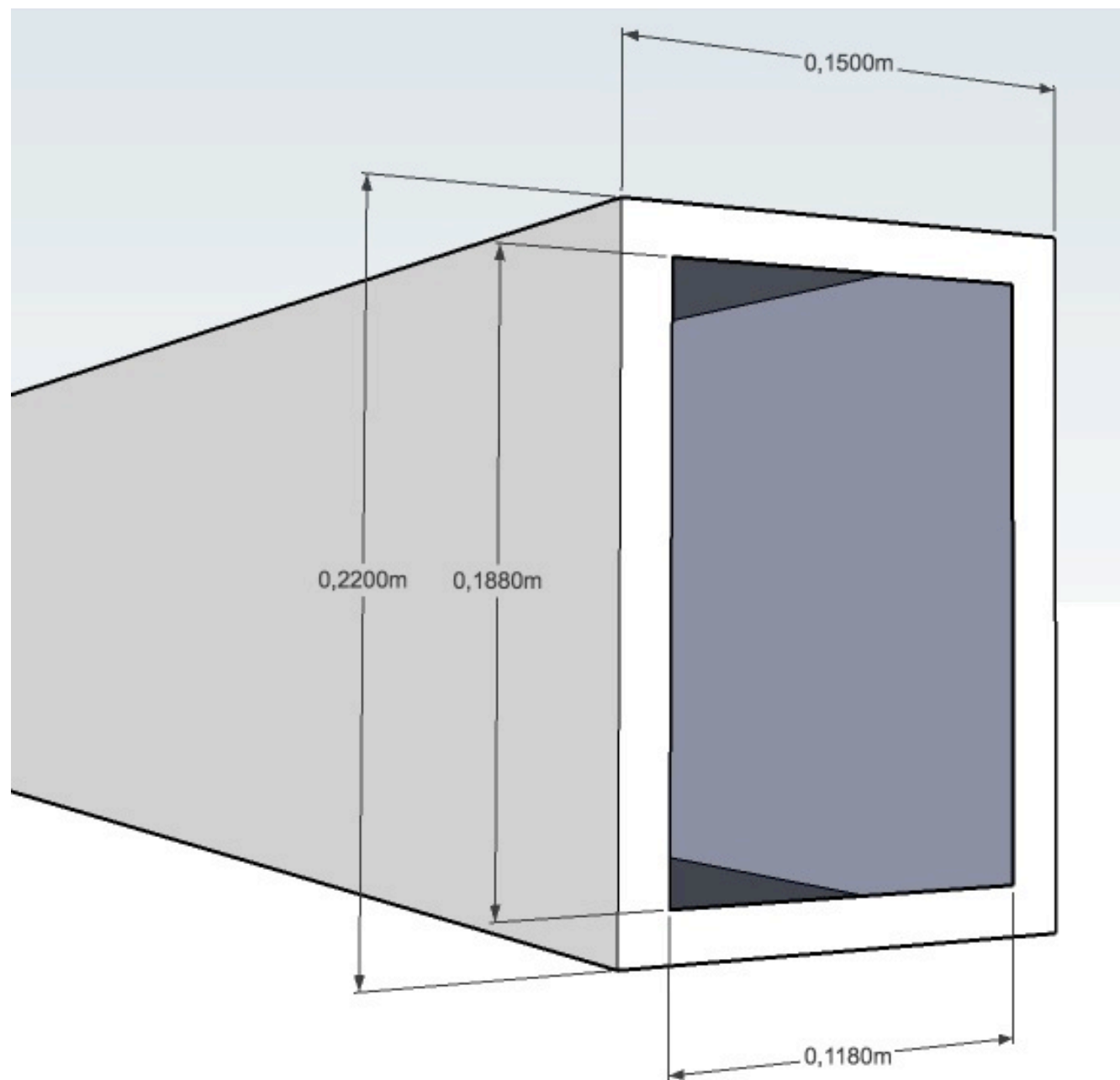


Fig. 19: Piece 6 - connection to 1B





Piece 1A (Piece 1B is the “mirror” of 1A)

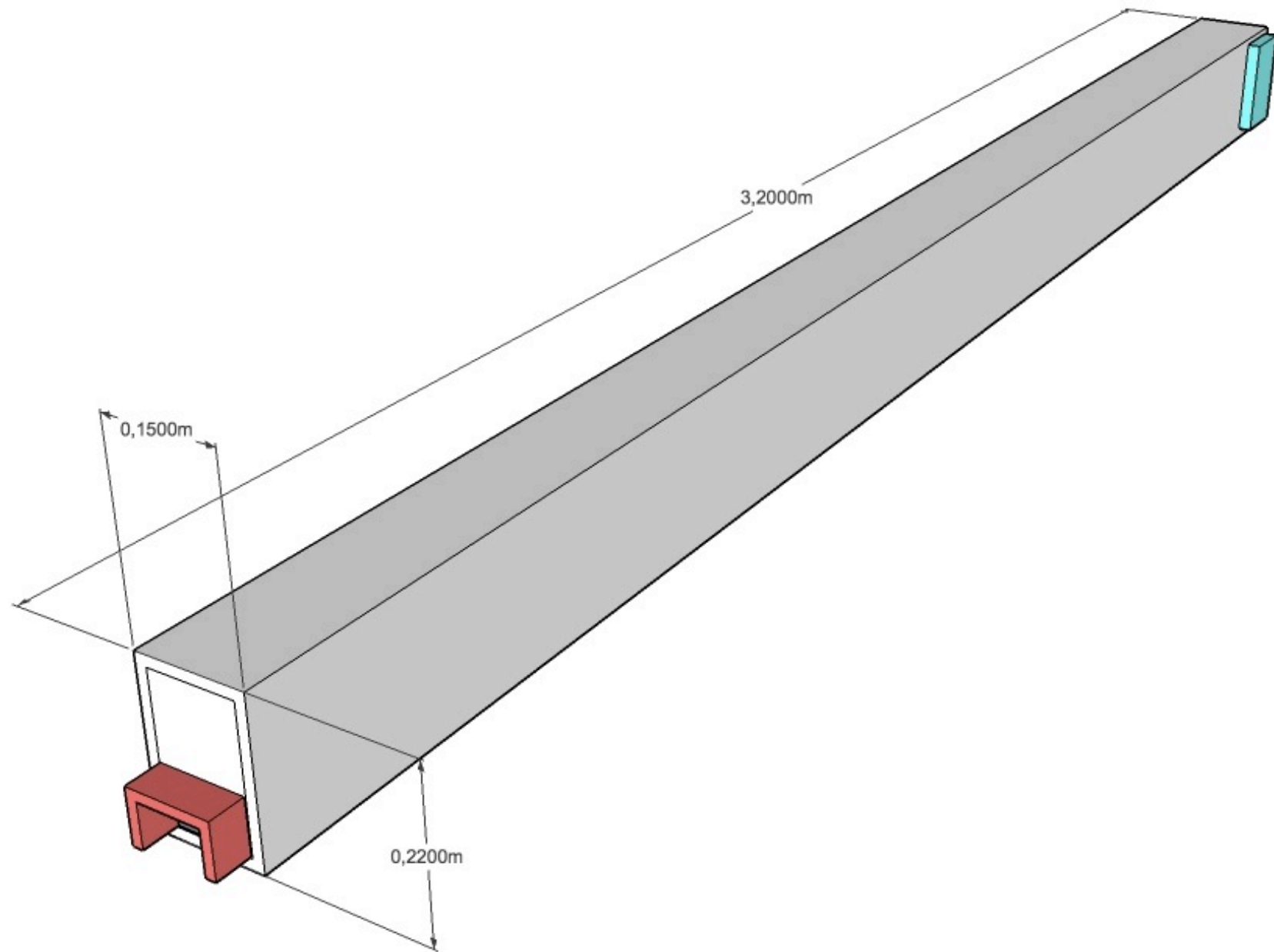


Fig 20: Piece 1A - top view

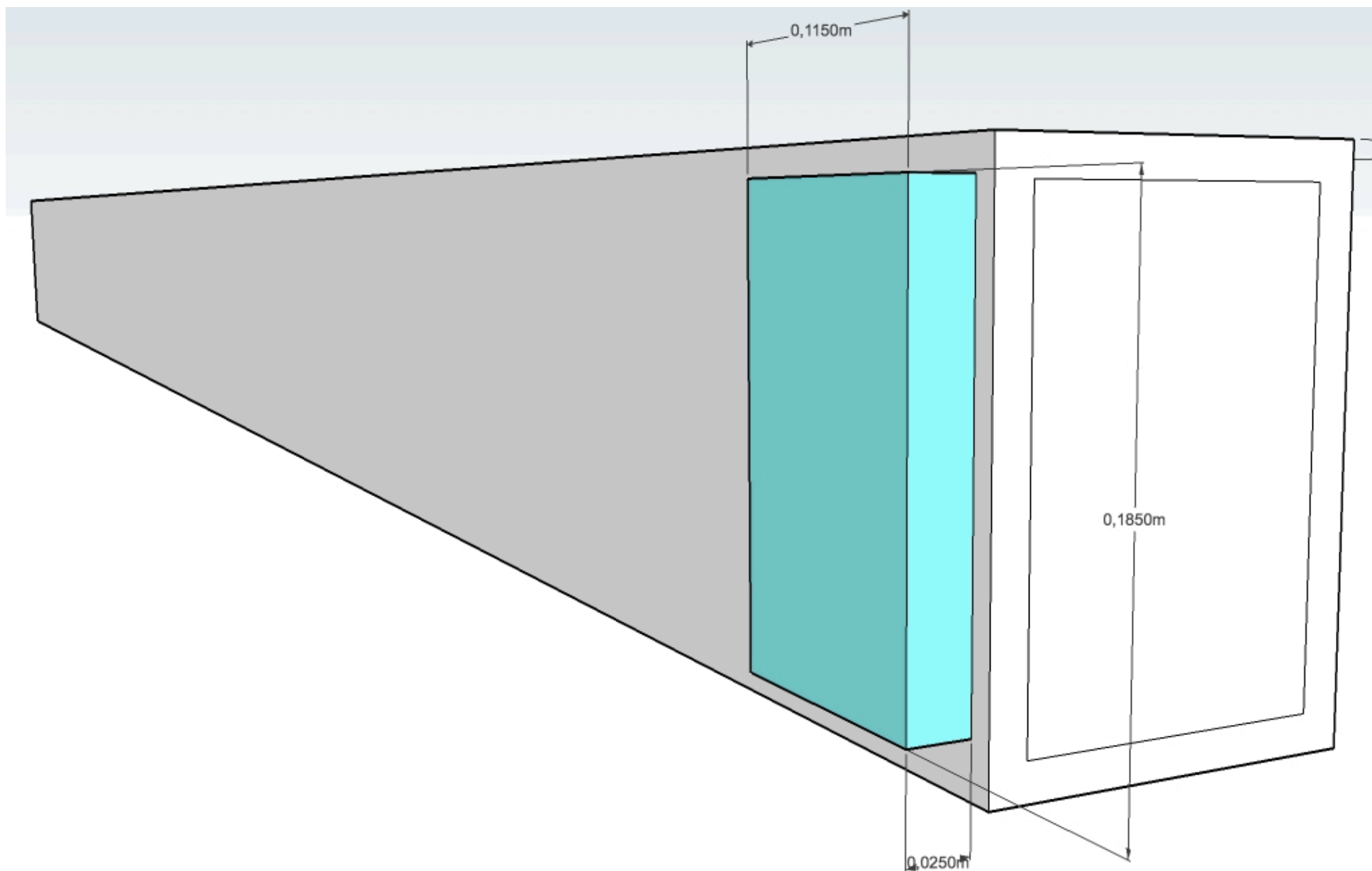


Fig. 21: Piece 1A - connection to piece 5

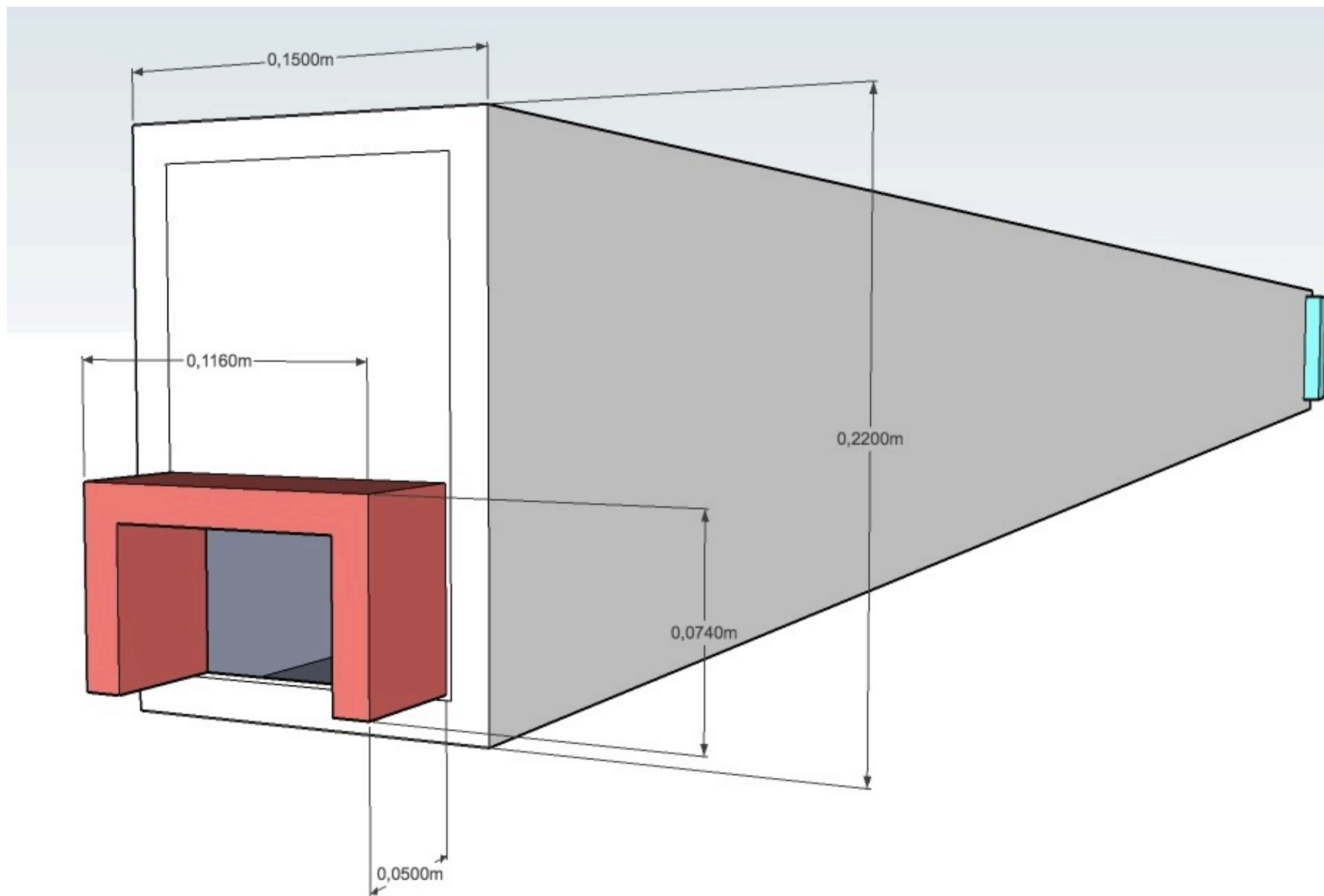


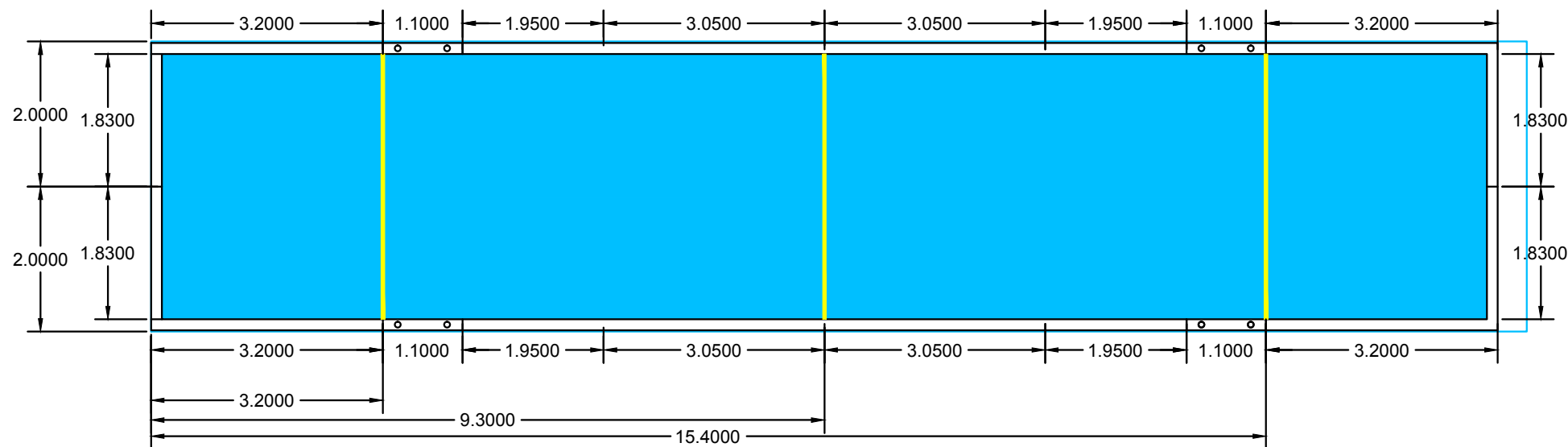
Fig. 22: Piece 1A - connection to door







3. Court Wall Dimensions



Court Carpet

The carpet is of the following specifications:

- Pile material: 100% Polypropylene (PP)
- Carpet base material: 100% Polypropylene (PP)
- Pile weight: 400-450gr/m²
- Density: 1/10 Gauge
- Use: Indoor
- Color: Blue
- Pile height: 3.5mm