

Reaction housing consultants and Arbo-coordinator

At the request of ARBO Coordinator Stephan Hemme, we held a meeting to discuss the occupational health and safety (ARBO) aspects related to the design of the offices in the Tinbergen Building. This meeting was scheduled in response to concerns within the organization (including the School Council) regarding the draft floor plan for ESE in Tinbergen.

The uncertainty primarily relates to whether the single-occupancy offices, as proposed in the draft layout, comply with Arbo guidelines. We investigated the source of this concern, which appears to stem from a building blocks drawing in which a measurement line was incorrectly placed. As a result, there was confusion regarding the internal dimensions/center-to-center measurements of the single-person focus rooms.

In coordination with the responsible parties from Real Estate & Facilities (Yolanda Majewski and Susan Vlemminx) and Stephan Hemme, it has been confirmed that all office spaces do indeed comply with Arbo regulations.

We reviewed the concerns in a constructive and pleasant meeting. Below is a brief explanation of the dimensions of the single-person focus rooms and the applicable ARBO guidelines.

Dimensions of single-person focus rooms in the Tinbergen Building

Dimensions	
Center-to-center wall spacing (Tinbergen structural grid)	180 cm
Room width (internal dimension, wall to wall)	170 cm
Room depth (internal dimension, wall to window frame)	480 cm
Total floor area (internal dimension)	8,2 m²

Workplace Area According to ARBO Guidelines

According to the ARBO guidelines (NEN 1824 – Ergonomic workplace dimensions), the following recommendations apply to a workstation. For clarity, these are guidelines, not mandatory standards or legal requirements.

Workplace Area m ² according to ARBO guidelines	
Workplace (the desk, desk chair and circulation space).	4 m ²
Flat screen monitor	1 m ²
Reading/writing surface	1 m ²
Explanation of drawings	2 m ²
Storage cabinets	1 m ²
Meeting facilities (per person)	2 m ²
Dimensions according to ARBO guidelines	

Center-to-center wall spacing (Tinbergen structural grid)	Minimum 90 cm
Room width (internal dimension, wall to wall)	Minimum 80 cm
Room depth (internal dimension, wall to window frame)	Minimum 120 cm

Minimum requirements workplace Area in Tinbergen

For the workstations in Tinbergen, we have based the minimum requirements on the following components per workstation.

Workplace Area m ² in Tinbergen	
Workplace (the desk, desk chair and circulation space).	4 m2
Flat screen monitor	2 m2
Reading/writing surface	1 m2
Total floor area (internal dimension)	7 m2
Dimensions in Tinbergen	
Center-to-center wall spacing (Tinbergen structural grid)	90 cm
Room width (internal dimension, wall to wall)	80 cm
Room depth (internal dimension, wall to window frame)	160 cm

In addition to the minimum requirements, there is space in the single-person focus rooms for items such as a storage cabinet. These calculations and guidelines apply to both flexible workspaces and fixed workstations. For completeness, Figures 1 and 2 below show the construction module and architectural drawing of the single-person focus rooms with the correct dimensions.

We trust that this explanation sufficiently addresses and resolves any concerns related to the minimum dimensions of the single-occupancy rooms in accordance with the ARBO guidelines. Should there be any further questions or need for clarification, we remain available to provide additional information and are also willing to offer a detailed explanation to the School Council if desired.

Kind regards,

Yolanda Majewski, Susan Vlemminx and Stephan Hemme
Juni 13, 2025

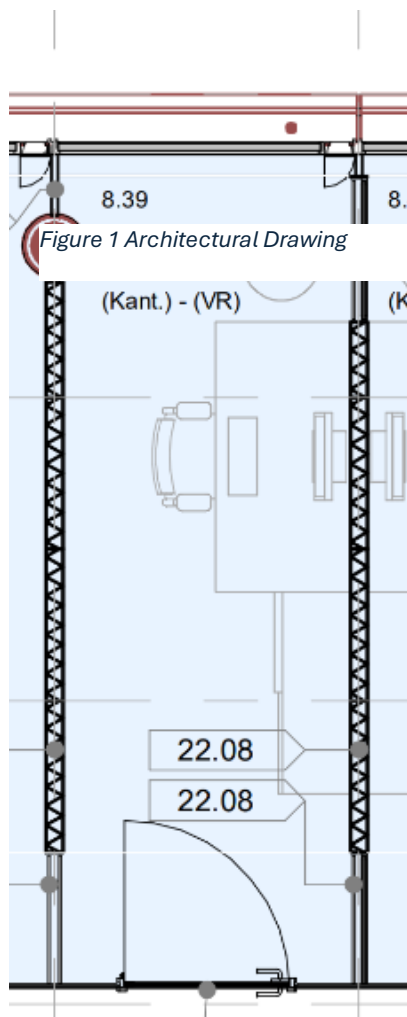


Figure 1 Architectural Drawing

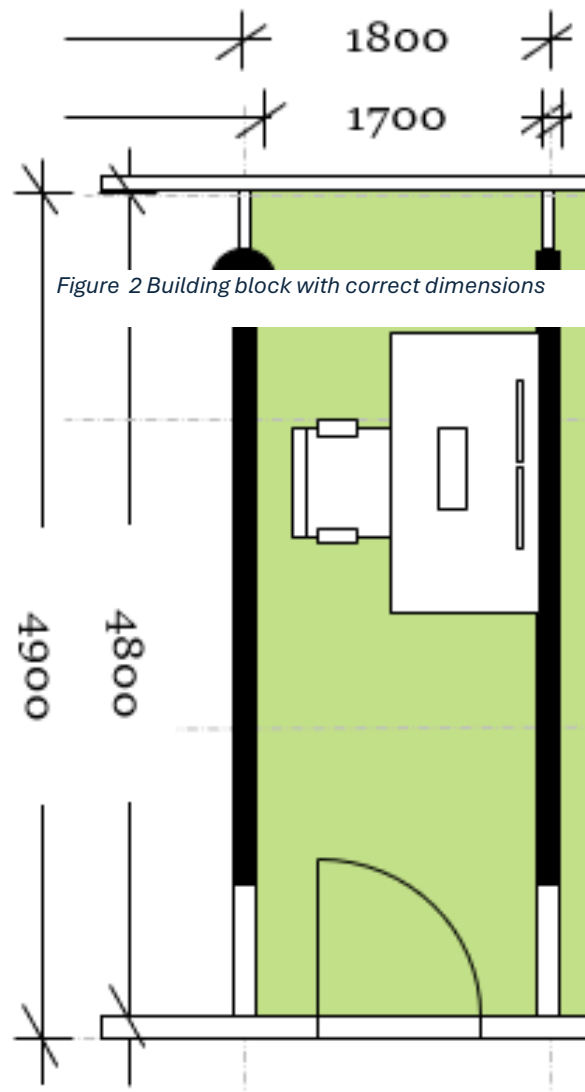


Figure 2 Building block with correct dimensions