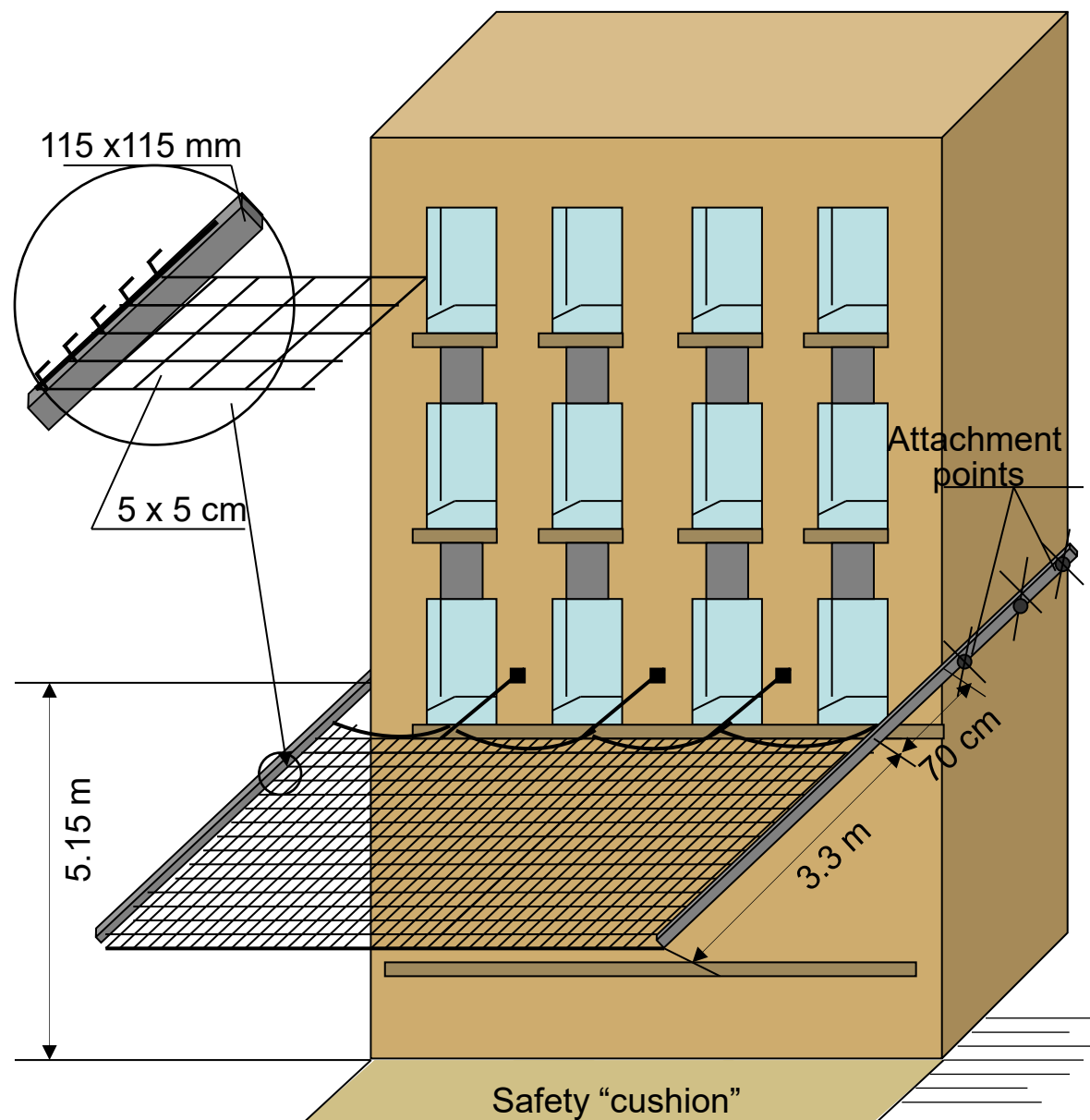


Scheme and Description of the Safety Net for a Four-Story Training Tower



1. The frame on which the safety net is attached is recommended to be made of a metal pipe with a square section of 115×115 mm and a wall thickness of 4–5 mm, or a round pipe with a diameter of 115 mm.
2. The frame is attached outside the training tower (on its side surfaces) strictly in a horizontal plane using electric welding or bolted connections at three points.
3. The height from the window sill to the net frame – 90 cm; from the surface of the safety cushion – 5.15 m.
4. The distance between the safety net and the facade of the training tower – 700 mm.
5. Hooks for attaching the net are welded onto the pipe at a distance of 5 cm from each other.
6. At a distance of 70 cm from the facade of the tower to the safety net, guy lines are installed to adjust the tension of the net.
7. The safety net is made of nylon thread 3–4 mm thick with 5×5 cm meshes.

Net Attachment Options:

1. A pin with a diameter of 10 mm is run through the net meshes and put on hooks.
2. Each mesh is individually threaded onto a hook.
3. The rescue rope is threaded along the edges of the net and adjusts the tension of the safety net so that there is a sag of at least 30 cm in its centre and it does not interfere with the exercise.