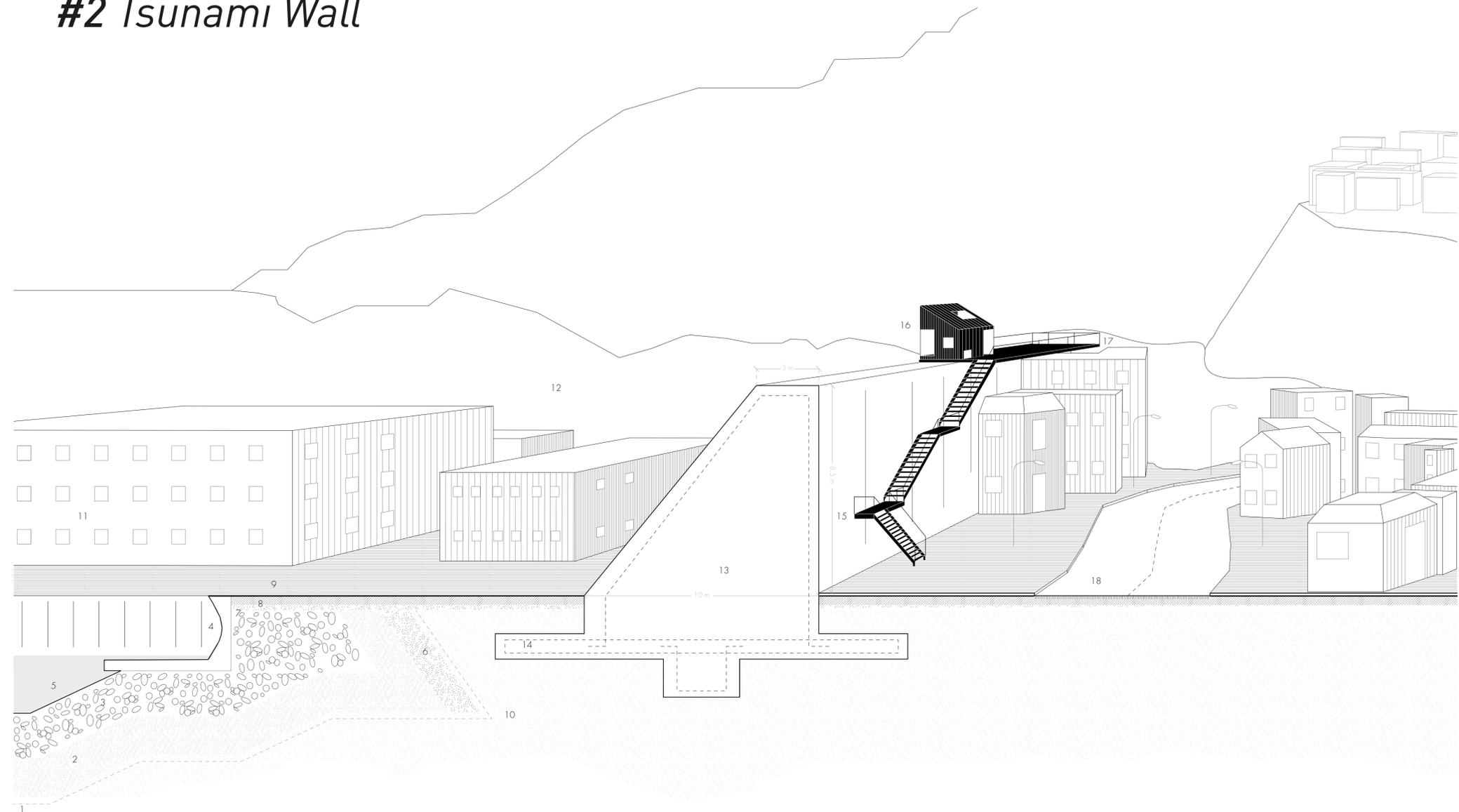
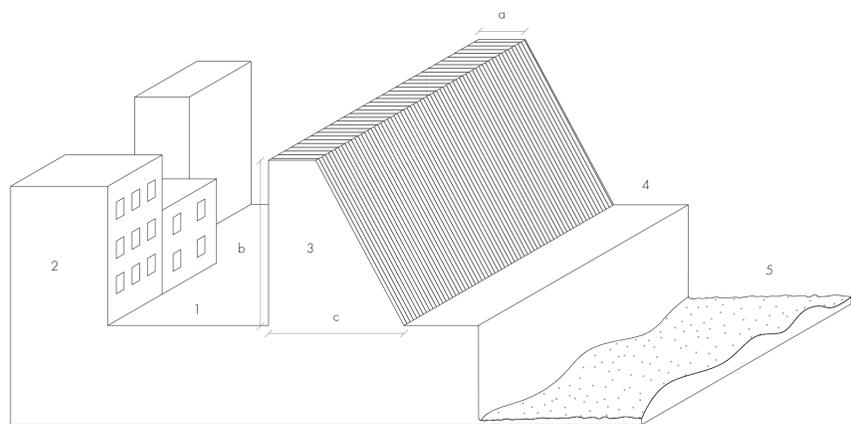


# #2 Tsunami Wall

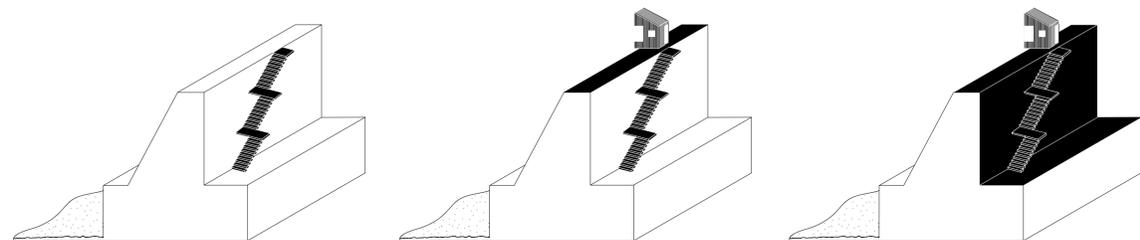


## perspective section

1. geotextile reinforcement, 2. secondary armour, 3. primary armour, 4. breaking waves wall, 5. sea, 6. filter rocks, 7. asphalt mix for binder and basis, 8. membrane sami, 9. draining bituminous conglomerate, 10. fill material, 11. industrial buildings, 12. sea, 13. tsunami wall, reinforced concrete, 3 - 10 m x 8,5 m, 14. reinforced concrete foundation, 15. steel stairs, 16. activating urban device: capsule, 3 x 3 x 4 m, 17. terrace, 18. road, 6,5 m.



## activating process



**barrier**  
infrastructure as a barrier, a fracture between city and natural/environmental context

**tsunami wall average composition**  
1. sidewalk and / or road, in order to create a separation between the urban fabric and the wall, 2. urban fabric, 3. tsunami wall, on one side straight and on the other inclined reinforced concrete surface, 4. reclaiming land, variable depth, usually the proportion is around three times the length of the wall, 5. sea.

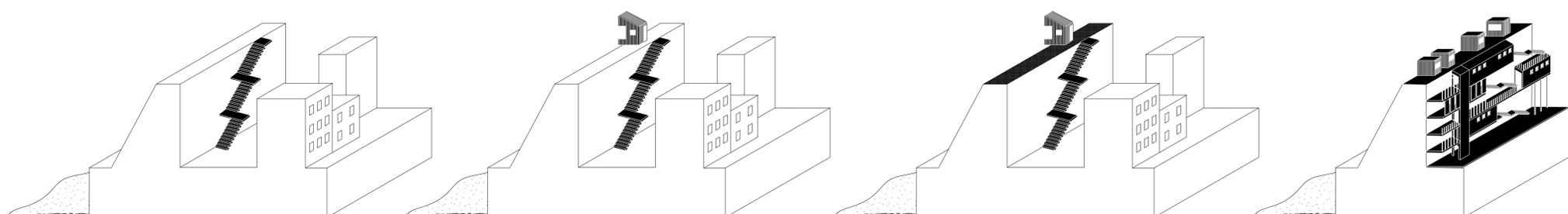
**average scale proportions**  
 $8 < b < 15$   
 $c = 2b/5$   
 $a = c/3$

**reaching the top**  
an outside staircase system hung on the facade allows to reach the top of the wall, through different platforms as belvedere spots

**lifted pavilion**  
the surface on the top of the tsunami wall is occupied by an urban device, surrounded by a terrace, in order to activate also the horizontal surface for either private or public uses

**unveiling the infrastructure**  
through the unveiling of the infrastructure potentiality with the urban device, the space is connected with the urban area and the public surfaces of the city

## infrastructure as an urban device



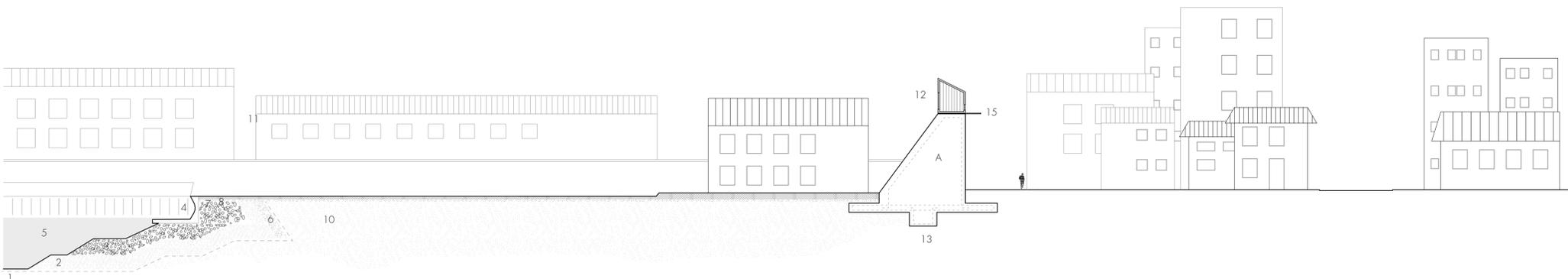
A \_ staircase

B \_ stairs and pavilion

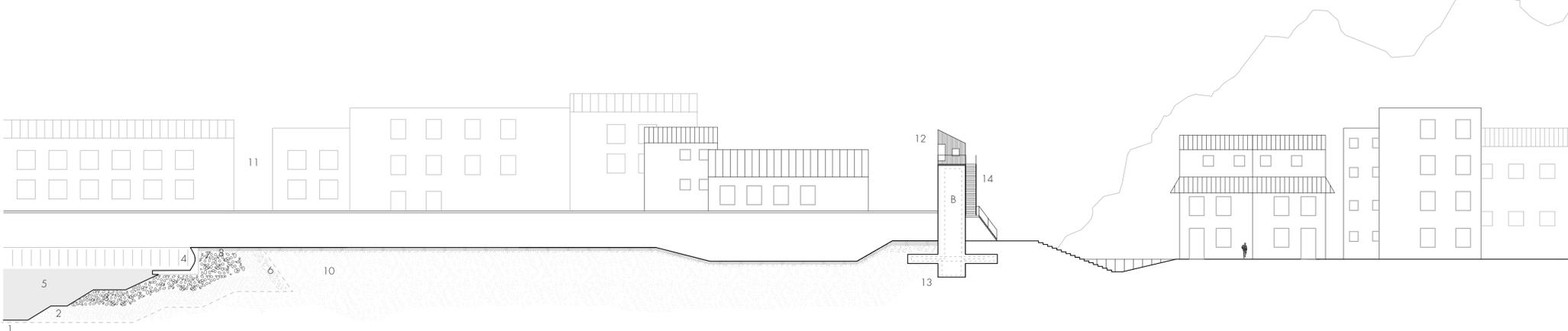
C \_ stairs and pavilion with anelevated terrace on top

D \_ infrastructural wall

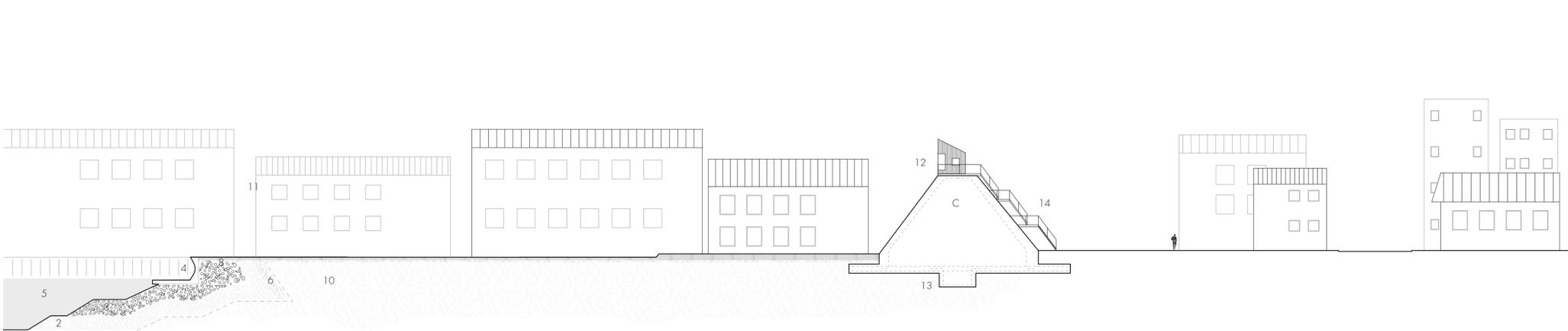
tsunami wall typologies



typology A \_ rectangle trapeze section



typology B \_ slim rectangle section

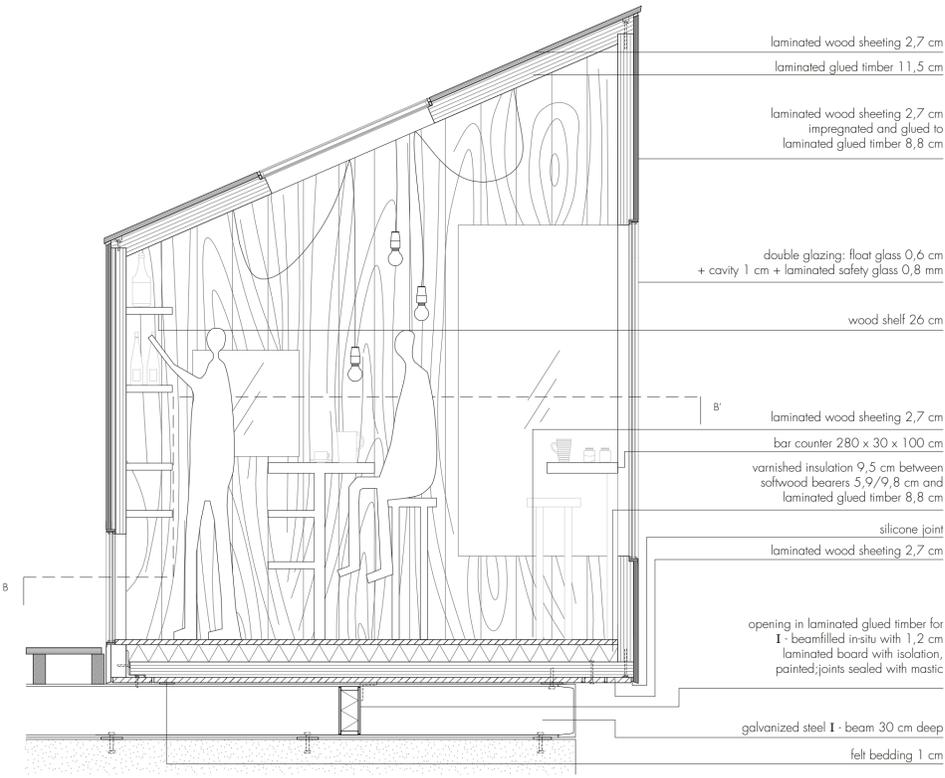


typology C \_ wide trapeze section

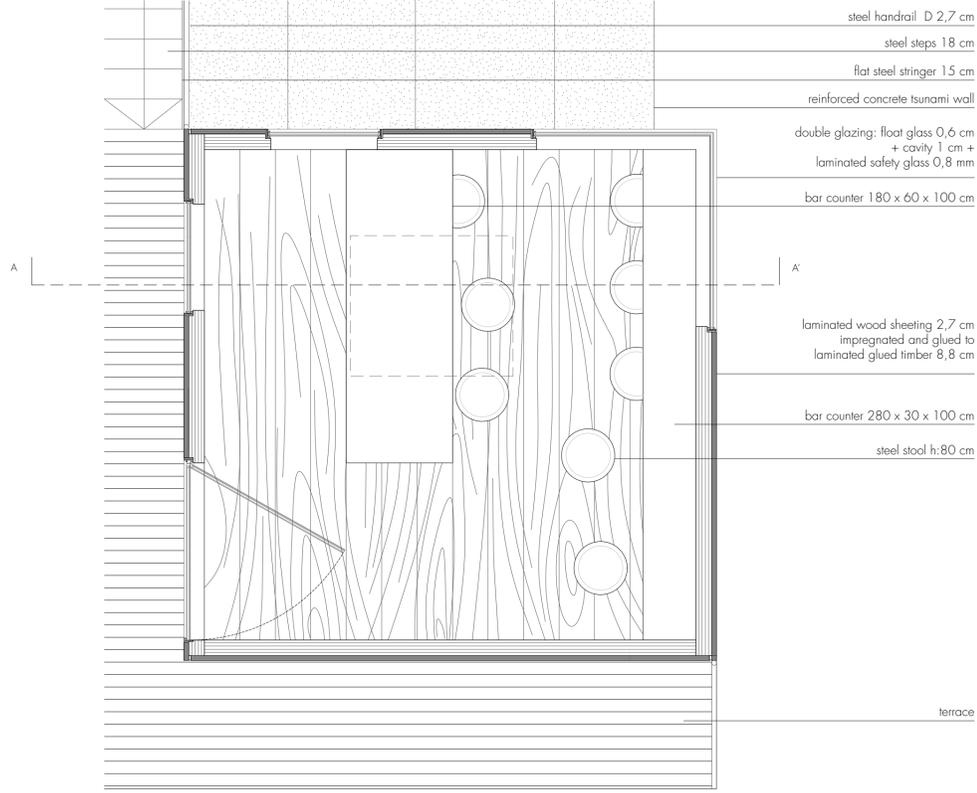
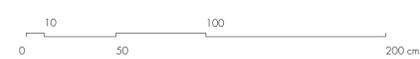
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technological detail  
bar / bookshop



section A - A'



plan B - B'

