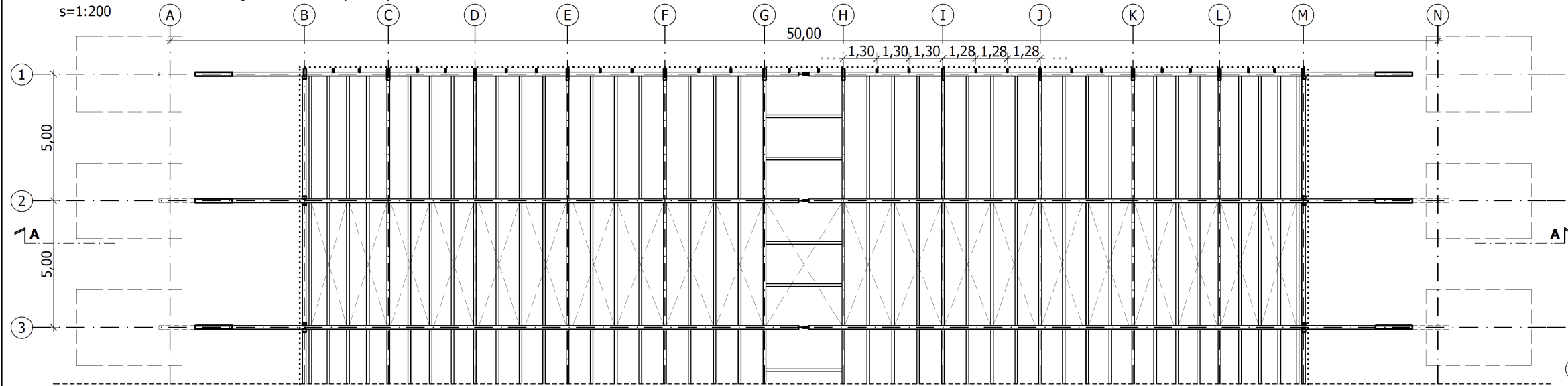


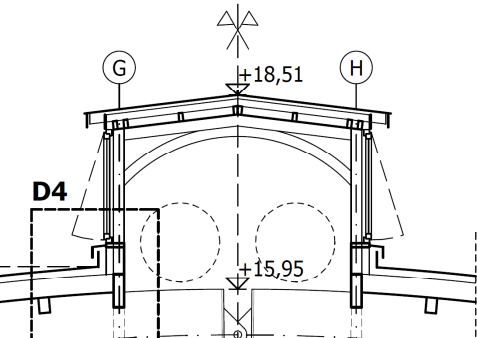
Structural floorplan glued laminated (timber) arch beam hall

s=1:200



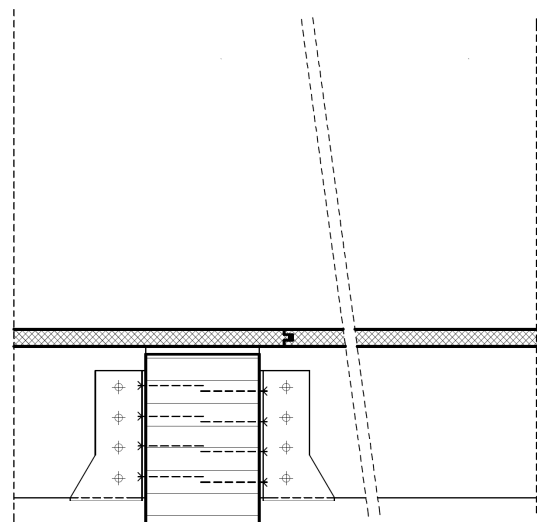
A-A Section

s=1:100



D1 General roof layers, horizontal section

s=1:10



the sloping is corrected with the underlay layers: min. 5° (12,3 %)

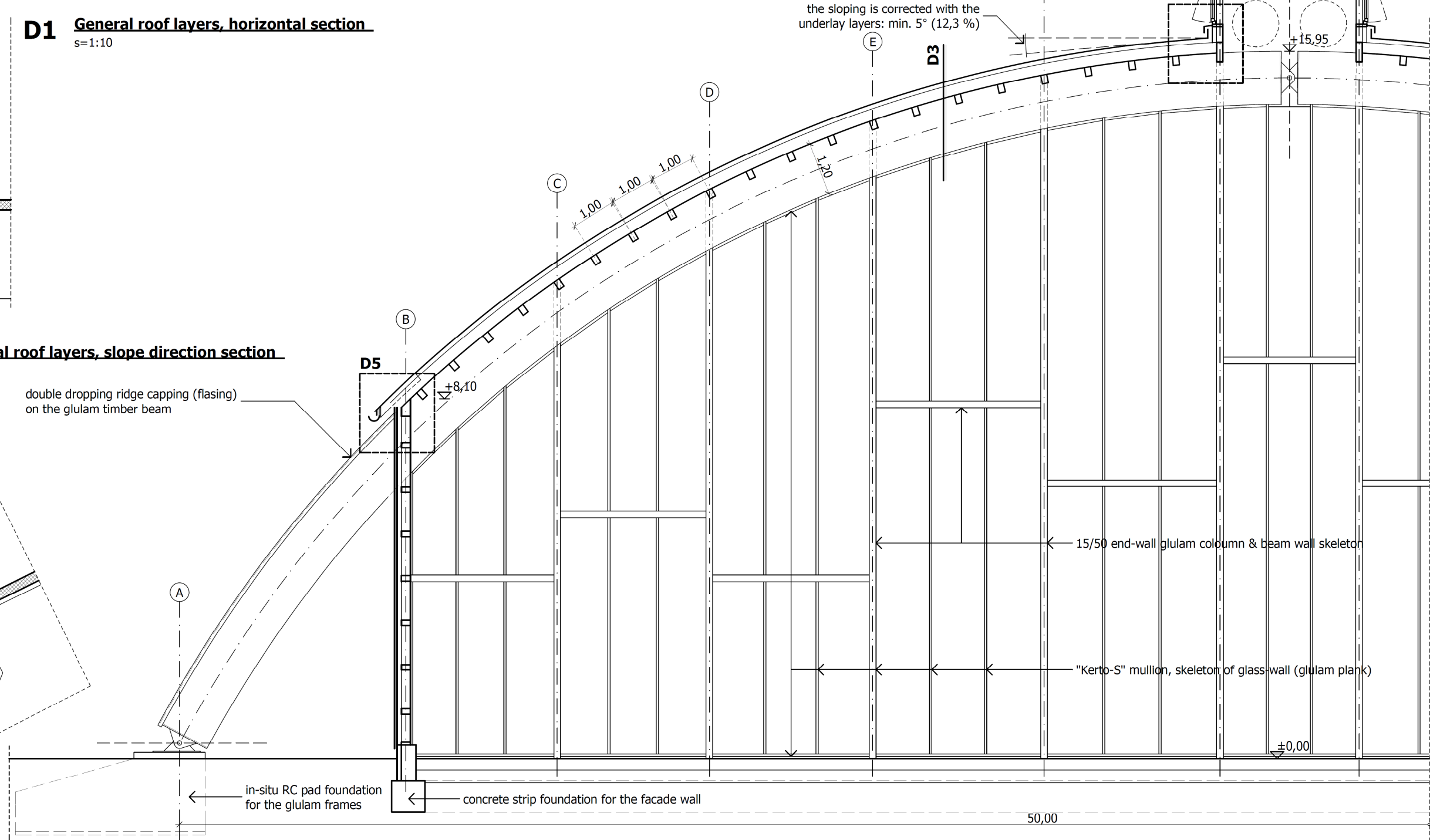
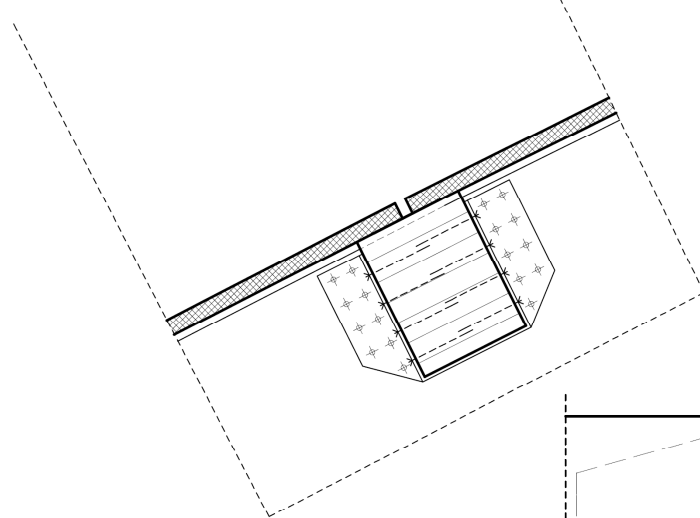
D2 General roof layers, slope direction section

s=1:10

double dropping ridge capping (flasing)
on the glulam timber beam

D5

+8,10



15/50 end-wall glulam column & beam wall skeleton

"Kerto-S" mullion, skeleton of glass-wall (glulam plank)

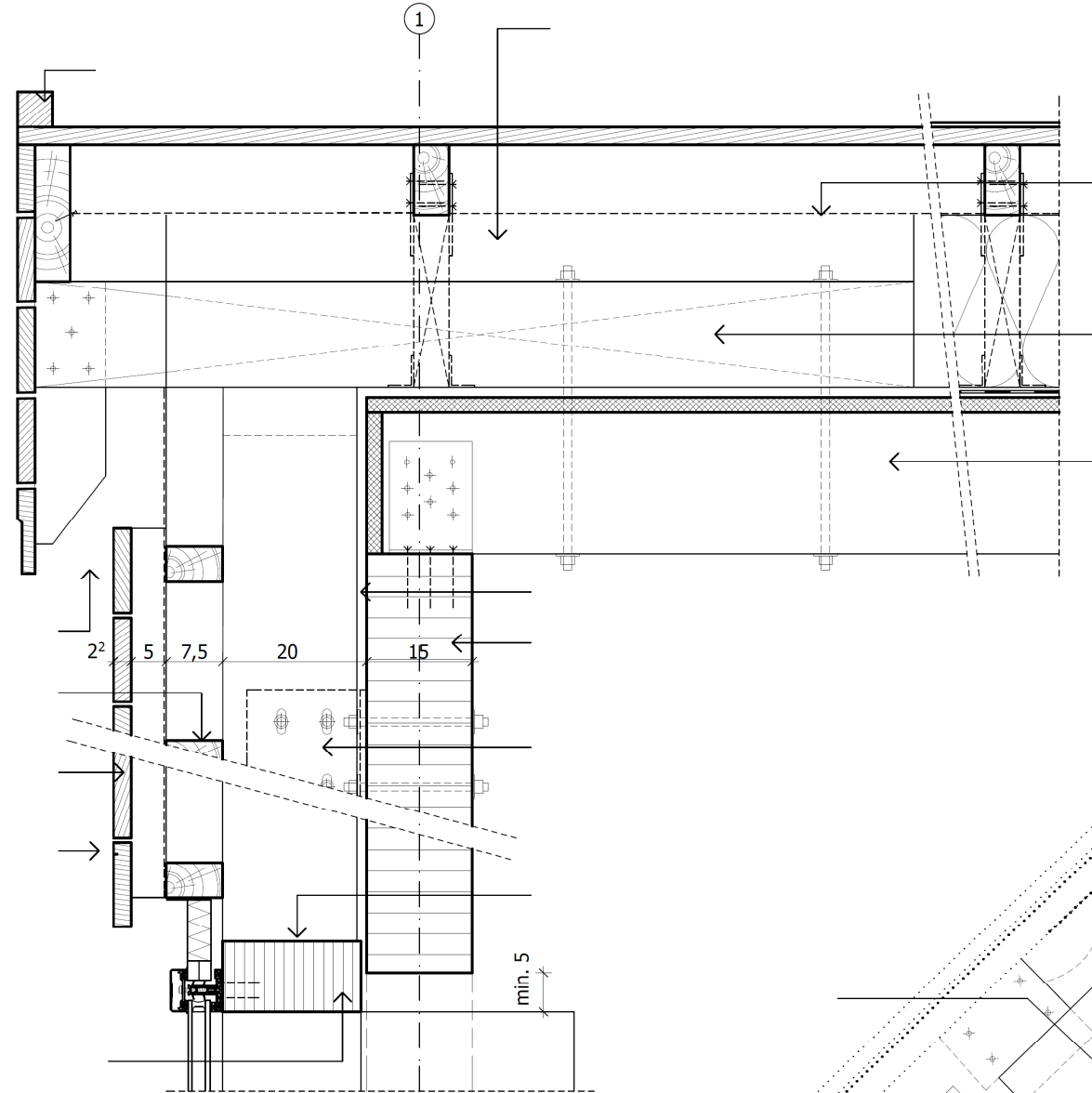
in-situ RC pad foundation
for the glulam frames

concrete strip foundation for the facade wall

50,00

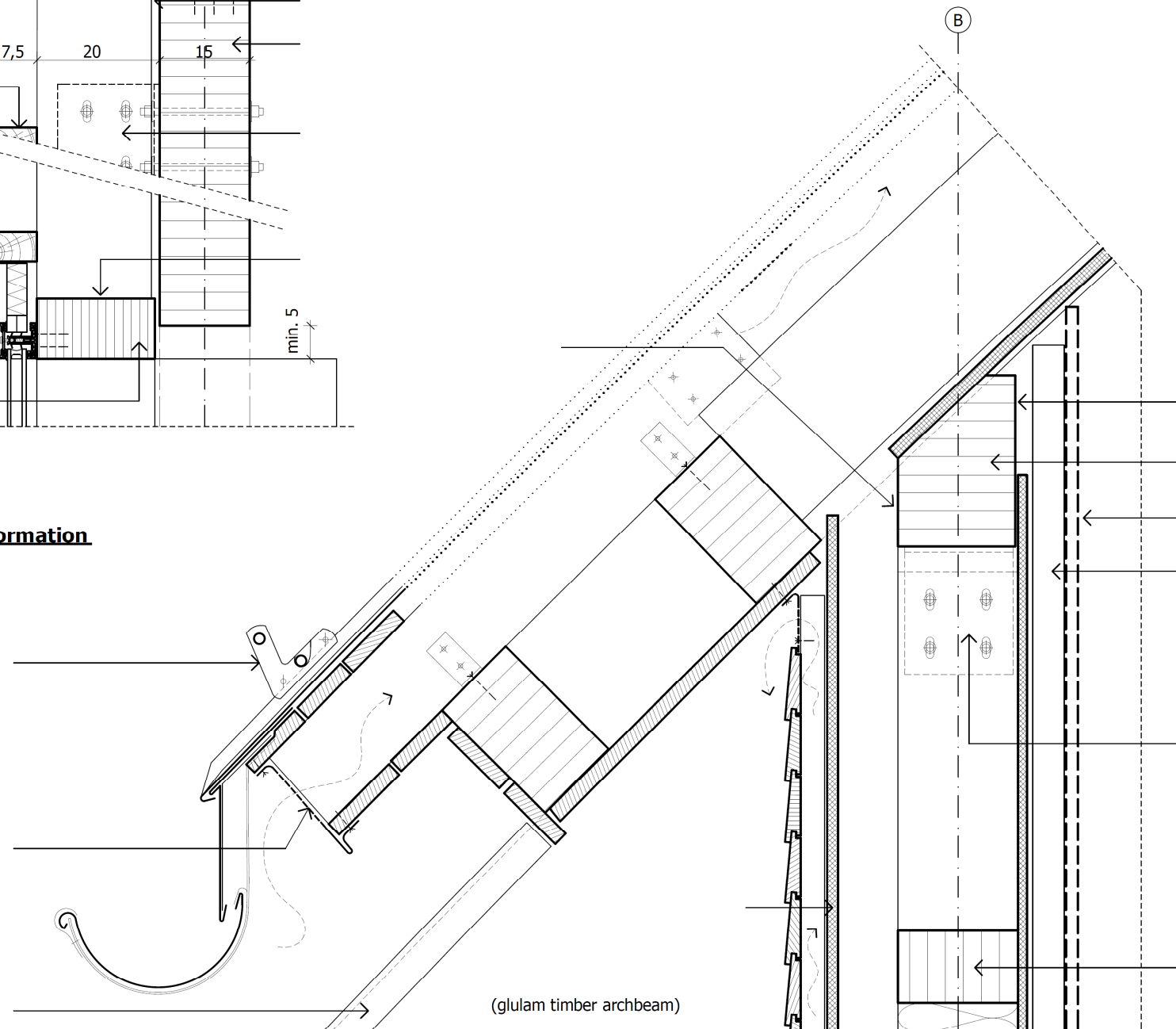
D3 Solving the gable of the end-wall of the hall

m=1:10



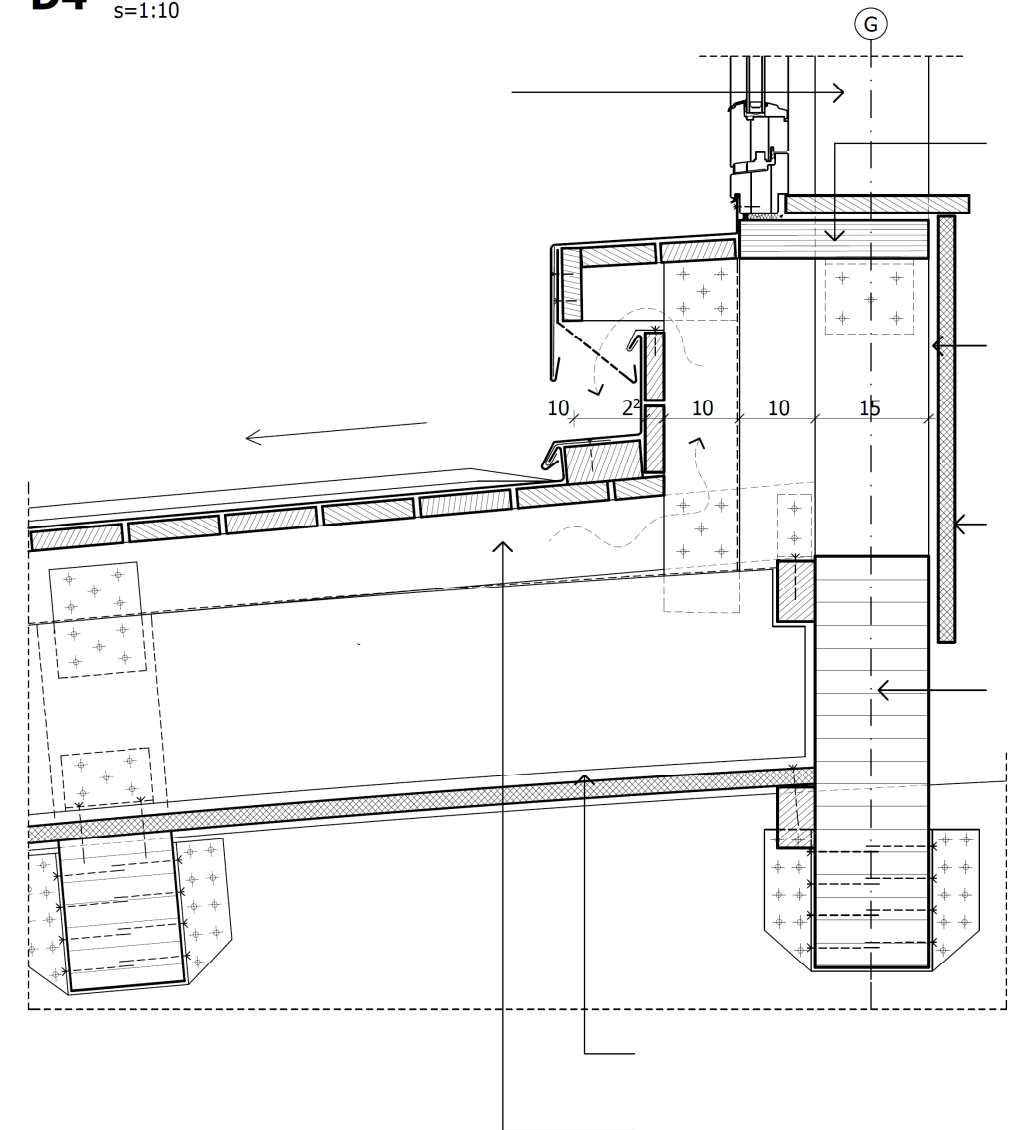
D5 Eaves formation

s=1:10



D4 Plinth solving of the skylight-band

s=1:10



D6 General layer order of the wall, horizontal section

s=1:10

- | | |
|---------|--|
| 2 cm | tongue & grooved boarding outdoor coat |
| 5 mm | ventilated airgap / espalier, protected against flame and biological pests |
| 2,4 cm | tongue & grooved OSB boarding (airtightness) |
| 10 cm | mineral wool heat insulation / 5/10cm vertical plank skeleton, protected against flame and biological pests |
| 20 cm | mineral wool heat insulation / facade glulam timber wall-skeleton column, protect against flame and biological pests |
| 1,5 cm | gypsum fibre building board underlay |
| 1 layer | vapour barrier foil |
| 5 cm | mounting wall ribs of indoor coat |

