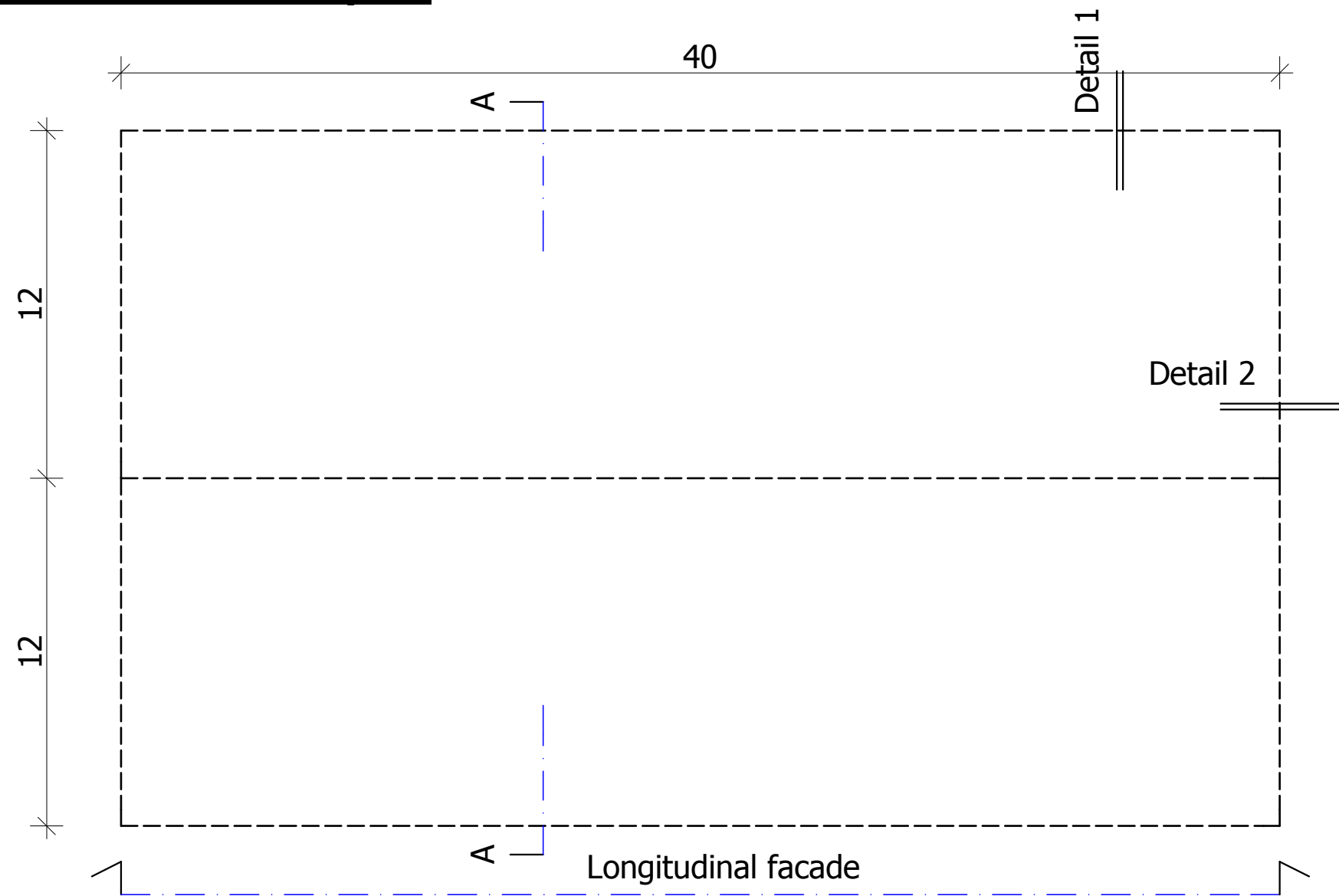


2. Structural floorplan M = 1:200



Drafting exercise

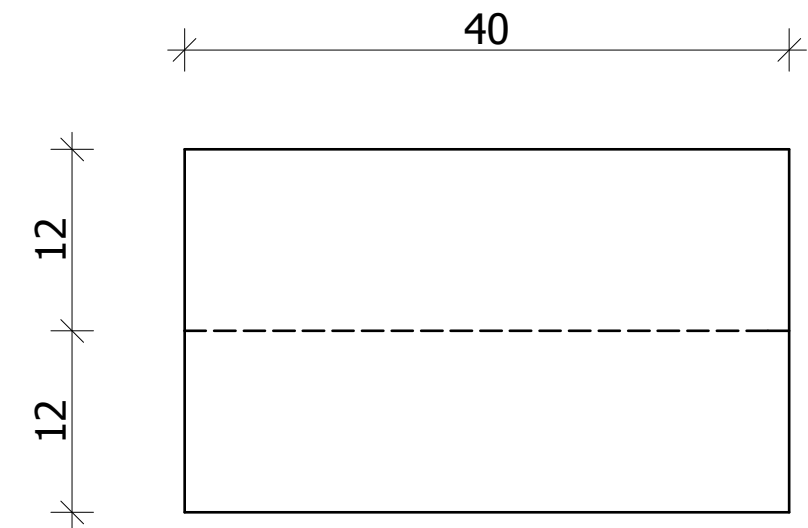
Given is the schematic groundlan of a manufacturing building built on a flat area. The building has two naves. NO columns are in the naves, and the number of columns separating the two naves has to be kept to a minimum. The building is fully heated, there is no intention for a later extension. The soil is loadbearing and there is no soil water.

The choice of construction material for the loadb. system and the type of roof and wall to be used is free.

Ground floor level: ± 0,00
Ground level: - 0,10
Minimum usefull headroom in the hall: 7,00 (under the beams!)
Headroom in the office: 3,00

- 1. Prepare the roof overview indicating both the slope of the roof and the water drainage system - give the essential diemnsions as well! (M:500)
- 2. Prepare the structural floor plan (M 1:200)
- 3. Prepare the longitudinal facade (M 1:200)
- 4. Prepare the A-A structural section (incl. layers) (M 1:100)
- 5. Prepare details 1. and 2. (M1:10)

1. Roof overview M = 1:500



3. Longitudinal facade M = 1:200

