walkable roof with 60mm thick concrete block paving
height adjustable piers
100mm insulation
water proving membrane
screed forming slope
steel plate
400 mm HEB profile
post-rail façade:
alum. cover coated with micaceous iron oxide
50/100 mm laminated timber member
double glazing (6 mm toughened safety glass + 16mm cavity + 6 mm laminated safety glass)
double glazing (6 mm toughened safety glass with solar-control printing + 16mm cavity + 6 mm laminated safety glass)
aluminum profile
13 mm perforated sound-absorbed plasterboard
water-based pre-heating & cooling ventilation unit
controlable ventilation box
vertical section 1:20
east facade fragment 1:20
horizontal section 1:20
vertical section 1:20
critical detail 1:5
horizontal section 1:20