

## RESOURCES

- optimized orientation
- set backs and vertical panels for sun shading
- highly insulated, EPC < 0,15
- white solar panels in facade
- neat/cold storage with individual pumps
- floor heating in all apartments
- mechanical ventilation with heat recovery system
- LED lighting

## CIRCULARITY

- maximized flexibility in schoolplan
- re-use of materials of existing building
- use of wooden facade cladding in patio
- easy demountable and reusable facade elements

## NATURE

- environmental research on existing biodiversity
- new greenery for mitigation and compensation school in plinth of the building @ cabinets for bats / nesting stones for birds / beehotels
- green collective gardens on roofs
- new greenery in public space
- possibilities for urban farming
- ainwater infiltration on roofs

- CO2 controlled mechanical ventilation facilities for promoting bike use
- nedestrian-oriented outdoor spaces
- attractive route from patio to roof garden
- (shared) exercise spaces

SOCIAL

HEALTH

₩E

WELL-BEING

great views over the Brettenzone

set backs for shadow on balconies

vertical glass panels in second skin for sound protection

collective gardens and living room to meet each other

green gardens with wooden facade cladding

operable windows in all regularly occupied rooms

accessibility through wide common corridors and ramps

optimal thermal comfort per room controlled by user

- collective roof garden and patio
- e benches in public space to meet each other
- collective indoor living room
- & accessibility of public spaces and communal programs
- possibilities for collective food garden

# **→** VALUE

## CONTEXT

- mass forms an entrance to the park
- building stands out from Haarlemmerweg
- greenery on building adds to greenery in the park
- school program activates the plot
- entrances are easy findable
- s routing of pedestrians and cyclist is kept in mind
- ar parking is underground/not visible

## ECONOMIC

- potimized area use by combining school and apartments
- future proof design with water buffering roofs
- flexible space plan for school
- obust and high quality materials
- strong local focus due integrating school
- BIM modeled to reduce construction faults

### COMMUNAL

- school forms social program in plinth
- well designed and attractive public space
- building works as catalyst for work-living district
- e collective spaces to promote community initiatives



