

WORLD

RESOURCES

- integrated (optional) sunscreens
- epc = 0,2 ; gpr = 8,5
- collective solar panels on roofs of taller segments
- district heating
- floor heating and cooling system
- mechanical ventilation + heat recovery system (app.)
- energy efficient outdoor lighting

CIRCULARITY

- leftover material will be stored at the local material depot

NATURE

- environmental research on existing biodiversity
- compensation of nature during and after building process
- vegetation for stimulating biodiversity
- green roofs as water buffer
- collective green courtyard and passages
- rainwater infiltration half open pavement in front gardens

WE

WELL-BEING

- big windows for optimal daylighting
- panoramic view towards the park
- measures taken for optimized acoustics (doors, balcony's)
- sun screens on all facades (optional)
- 'delftse stoep' stimulates street life and interaction
- accessibility through wide common spaces (app.)
- quality of different outside spaces
- colour schemes fit the activity in the surrounding area
- operable windows in all regularly occupied rooms

HEALTH

- CO2 controlled mechanical ventilation
- promoting use of stairs in apartment entrances
- easy accessible bike storages in single-family houses
- pedestrian areas connecting neighborhood and park
- limit noise and pollution on building site
- optimal thermal comfort per room controlled by user

SOCIAL

- collective gardens per block
- front doors all around the block with transition zone in front
- embrace diverse community with intergenerational living
- encouraged to claim/personalize public space

+ VALUE

CONTEXT

- height and mass fits the context
- appealing building that embraces the neighborhood
- 19th century identity and the Dakpark are both present
- facades open up towards the Dakpark
- facades color gradient matches the context
- public program activates the main entrance to the Dakpark
- routing of pedestrians and cyclist is integrated in the design
- car parking is not visible and solved inside the blocks

ECONOMIC

- optimized area use by making more smaller building blocks
- flexible program on ground floor
- robust and high quality materials
- housing career opportunities for local residents
- additional program has a positive influence on the economy

COMMUNAL

- public function on a local scale facing a public square
- neighbourhood involvement important part of the process
- public square and well designed public space
- cooperation with small scale circular economy (Buurman)

