

# STRATEGY FOR TRANSFORMATION TOWARDS ADAPTIVE NEIGHBORHOODS

| Postwar duplex housing neighborhoods | case Roland Holstbuurt

**QUESTION**

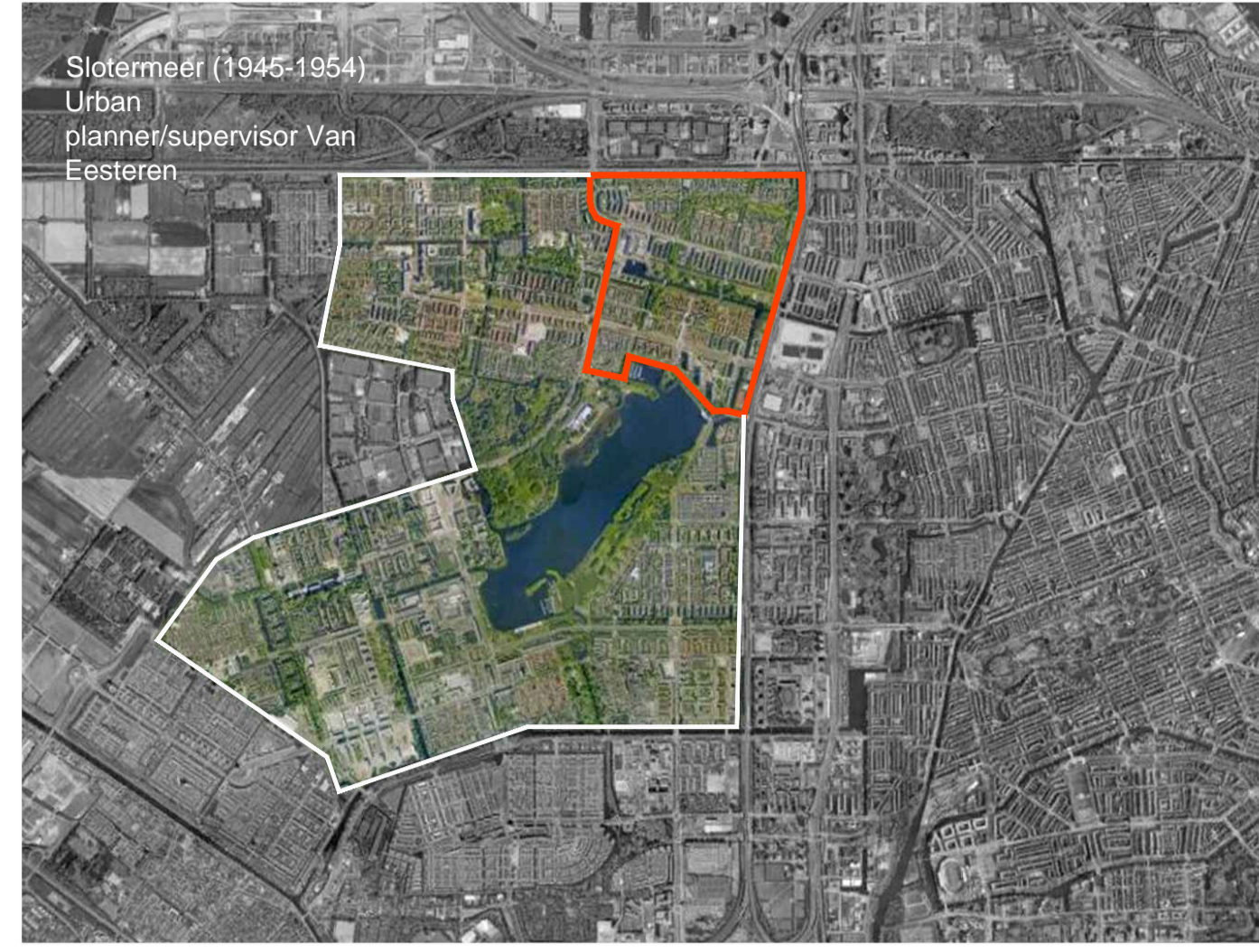
How can post war duplex housing neighborhoods in a courtyard configuration, like the Roland Holstbuurt, be improved by means phased revitalization?

**RESEARCH**

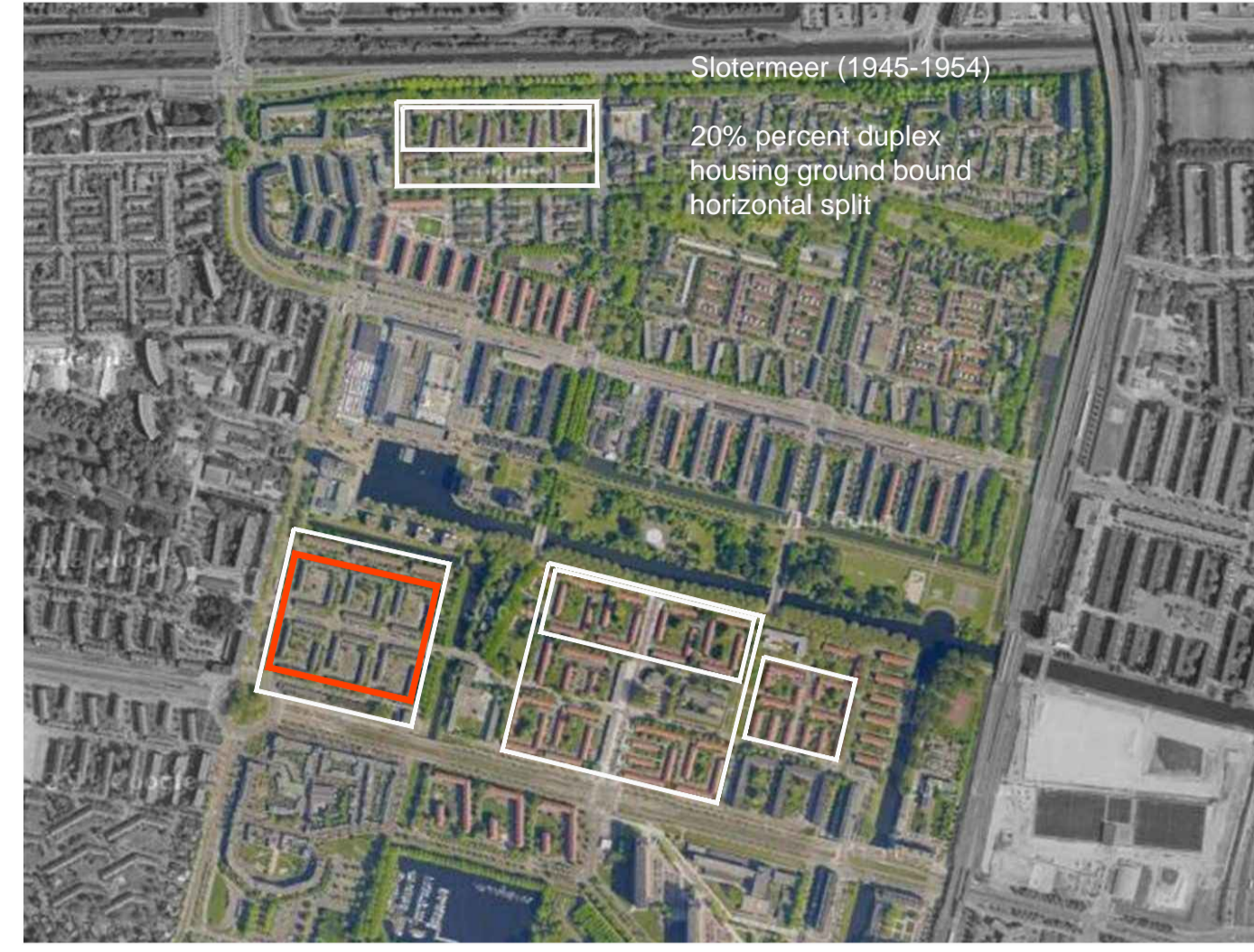
What are the merits of duplex housing neighborhoods in generic and the case, the Roland Holstbuurt in specific?

**DESIGN**

How can duplex housing neighborhoods be revitalized by means of gradual change in which the living environment, the living enclave, on the living interior are decoupled?



Amsterdam - Westelijke tuinsteden



Slotemeer - Duplex housing neighborhoods



Roland Holstbuurt - Duplex housing

'50s large scale erections '80s renovations '90s large scale renewal plans '10 restructuring plans on hold '15 Time-based strategy towards adaptive neighborhoods

1955 Erection

A house! A time based strategy, erection of duplex housing neighborhoods. A normal ground bound single family housing neighborhood in which the dwellings were temporarily split in two for ten years to overcome the post-war housing shortage.

2013 Present

No perspective! A degeneration cycle. Duplex housing neighborhoods which were not simplext are degenerated on building stock and faces social complex issues. Demolishment and renewal plans are postponed till...?

2014 and ongoing

Perspective! A regeneration cycle. Duplex housing improved by means of gradual change. Basic improvement of the living enclaves and living environment after which over time the stock can be improved and changed and resident can grow within and identify with there neighborhood.

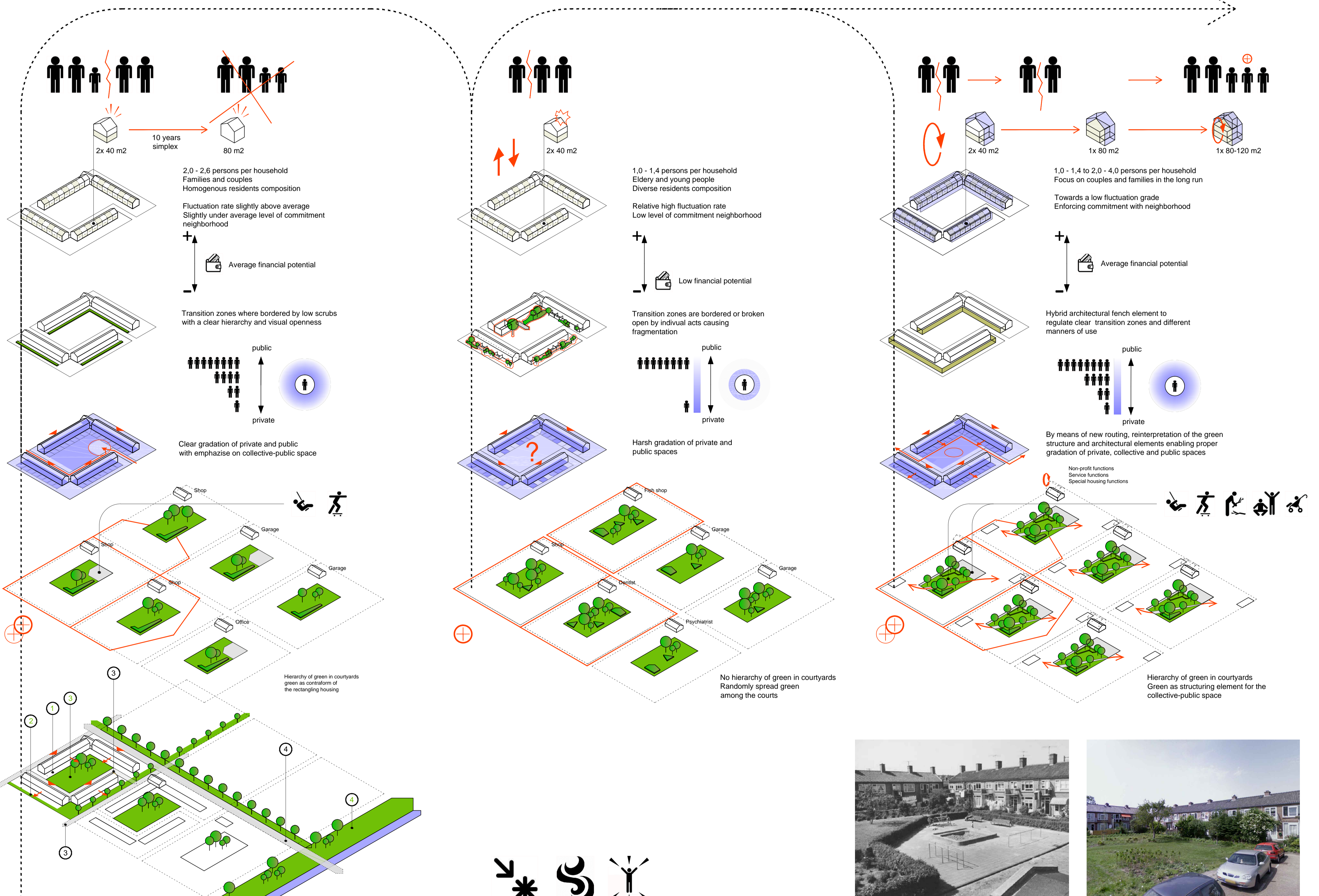
Inhabitant characteristics

Transitions

Private-public deviation

Principal functioning neighborhoods

Qualities urban set-up



Light, air and space!



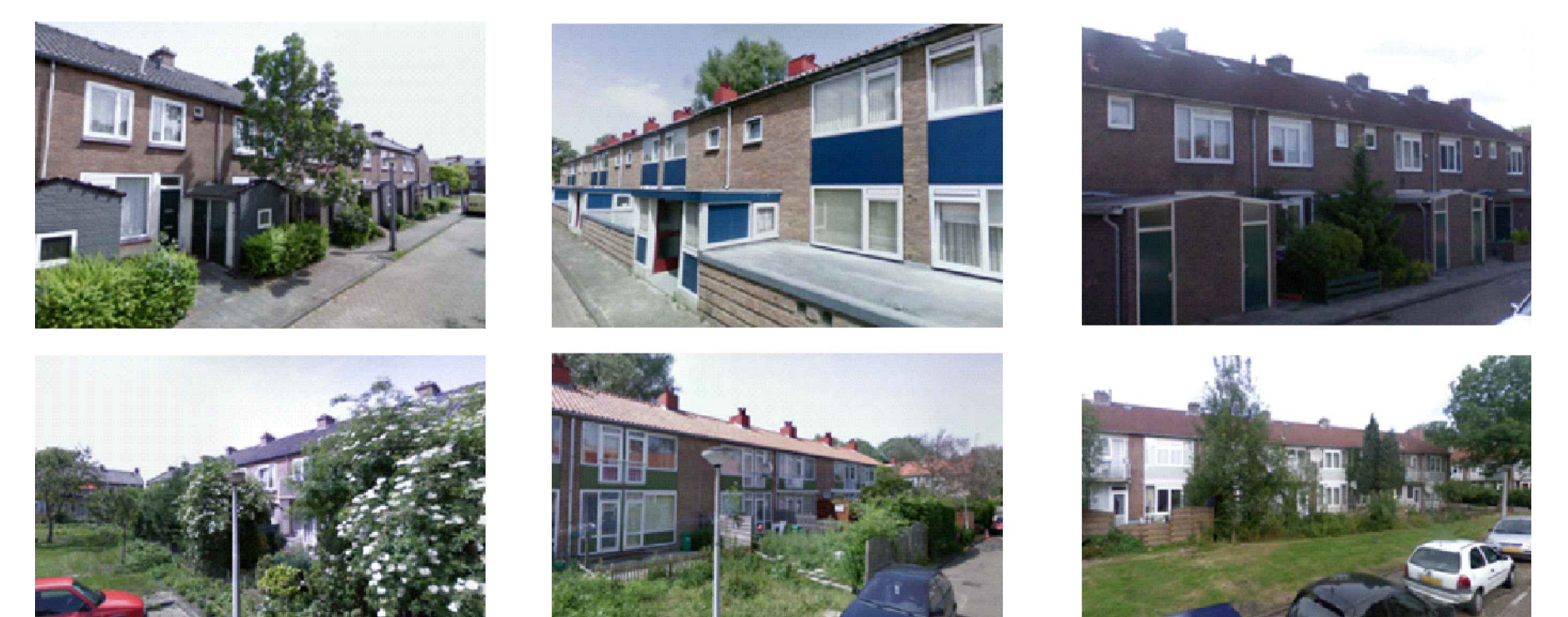
Roland Holstbuurt courtyard 1955



Roland Holstbuurt courtyard 2013



Front- and backfacades duplex housing neighbourhoods 1945-1960, Roland Holstbuurt, Couperusbuurt, Anton Struikbuurt



Front- and backfacades duplex housing neighbourhoods 2013, Roland Holstbuurt, Couperusbuurt, Anton Struikbuurt

Axonometric view  
Principal urban context  
situation 1:2000

5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Principals urban set-up

- Streets hierarchy:
  - private transition zone
  - pavement
  - living street
  - neighborhood street
  - district street
  - city street
  - auto way
- Green hierarchy:
  - private garden
  - communal courtyard
  - green strip
  - park strip
  - park
  - landscape
- Allotment hierarchy:
  - Housing orientated southwards
  - Continuous housing stripes