RESEARCH QUESTION

HOW CAN FLEXIBILITY GENERATE COLLECTIVITY IN HOUSING BLOCKS?

FLEXIBILITY / SEASONAL CHANGES

FLEXIBILITY / DAY CHANGES

FLEXIBILITY / LONG TIME CHANGES

FLEXIBILITY / REPLACEABLE MATERIALS

FLEXIBILITY / CORE CONCRETE / HEAT PUMP

CIRCULATION / URBAN LEVEL

URBAN PLAN

A NEW CENTRALITY IN BERLIN

LOCATION: TACHELES, BERLIN

STUDENTS: IOANNIS TSOUKALAS, DOUWE KELDERMAN

TRACK: ARCHITECTURE / GRADUATION LAB: DWELLING

TUTOR ARCHITECTURE: JASPER VAN ZWOL
TUTOR BUILDING TECHNOLOGY: YPE CUPERUS

FACADE / DETAILS

MATERIALIZATION

TYPICAL FLOORS LOWRISE

SECTION

SECTIONS HIGHRISE

OPTIMAL NATURAL LIGHT CONDITIONS IN DWELLINGS

Better daylighting, less artificial light needed

NATURAL LIGHT IN PARKING GARAGE

less artificial light needed / more safety

GREY WATER SYSTEM

- Rainwater from roof
- Rainwater from street

PERSONAL ADDITIONAL HEATING

+ ventilation