

GREEN-REEF



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FINLAND

PRIZE 2

GREEN-REEF

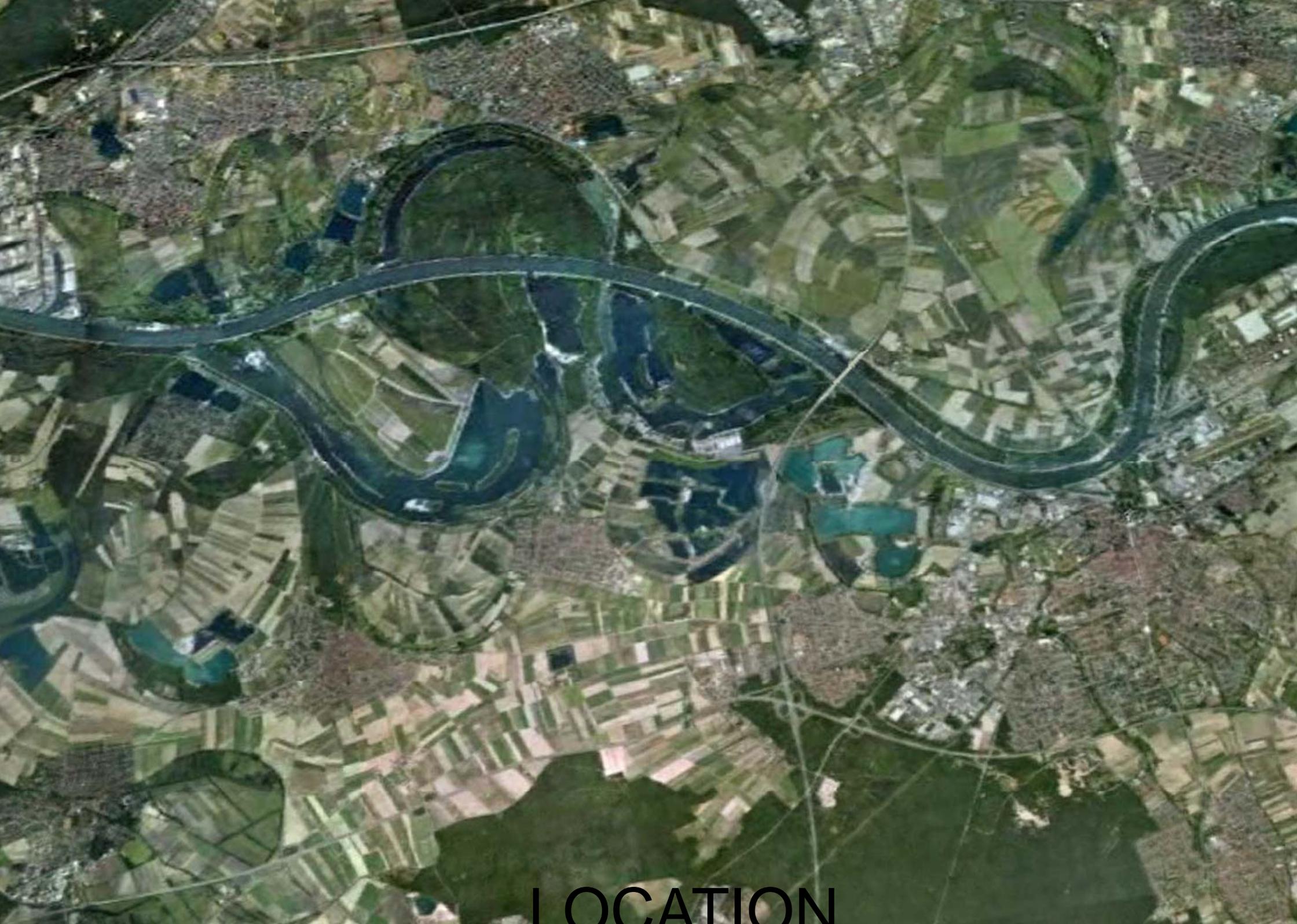


FINLAND PRIZE 2

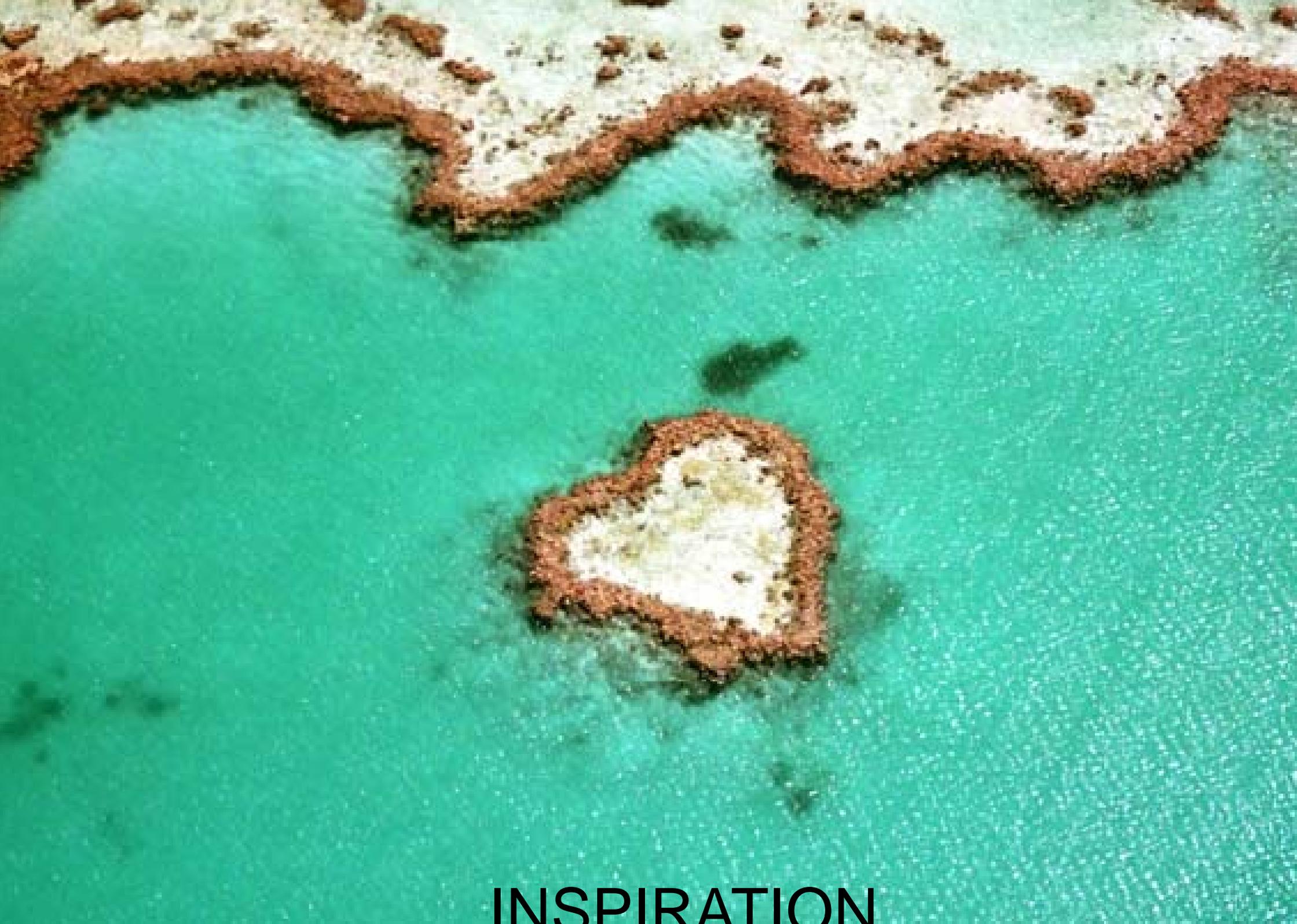
JENNI EKLÖF

SAMI ISONIEMI

JUKKA PERÄMAA



LOCATION



INSPIRATION







agricultural market

offices and residential usage

offices and residen

assembly hall

G + 5

G + 11

G + 5

G + 5

tram stop

and parking

private

G + 4

G + 4

G + 4

building

rainwater

rainwater

garden allotments

soccer field

playground

picnic

garden allotments

field





agricultural market

assembly hall

offices and residential usage

G + 5

G + 11

G + 5

G + 5

offices and residen

tram stop

G + 4

G + 4

G + 4

und parking

private

building view

rainwater

rainwater

/S

garden allotments

soccer field

playground

picnic

garden allotments

field



agricultural market

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MIDDAY S



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building

rainwater

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garden allotments

soccer field

playground

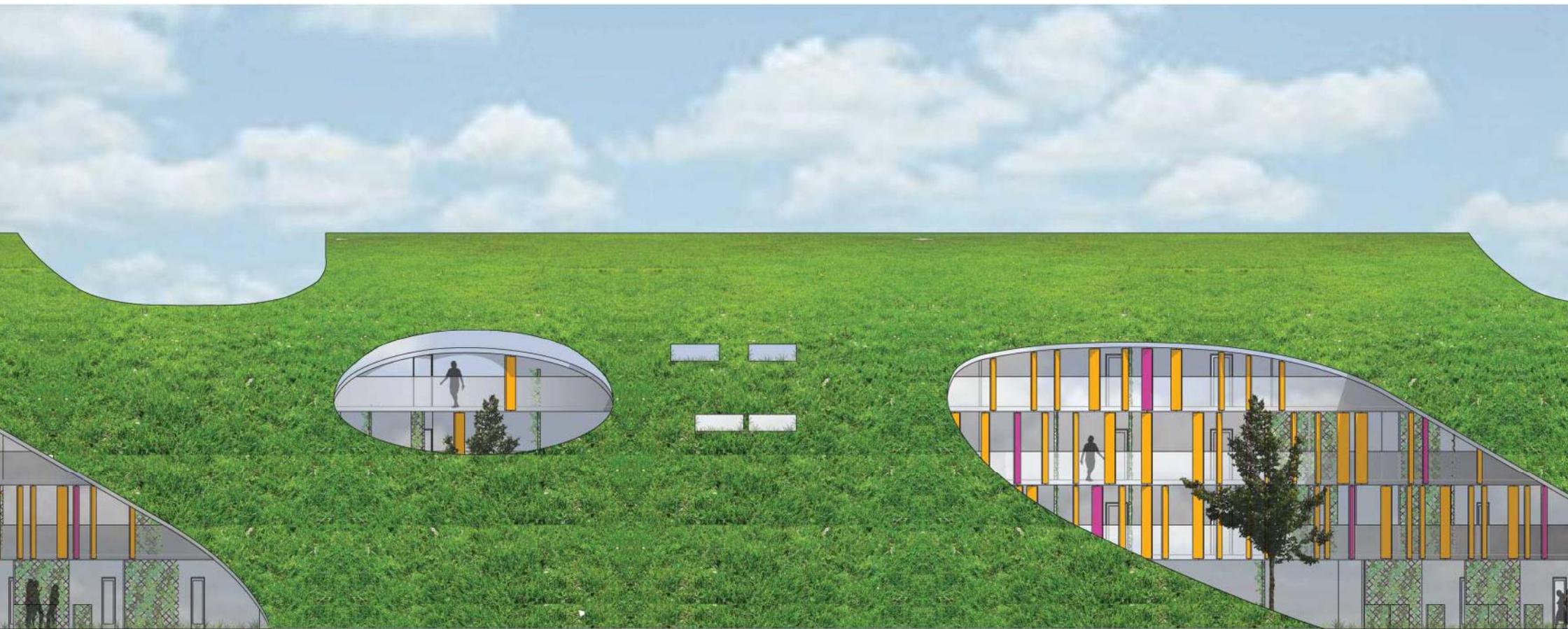
picnic

garden allotments

field







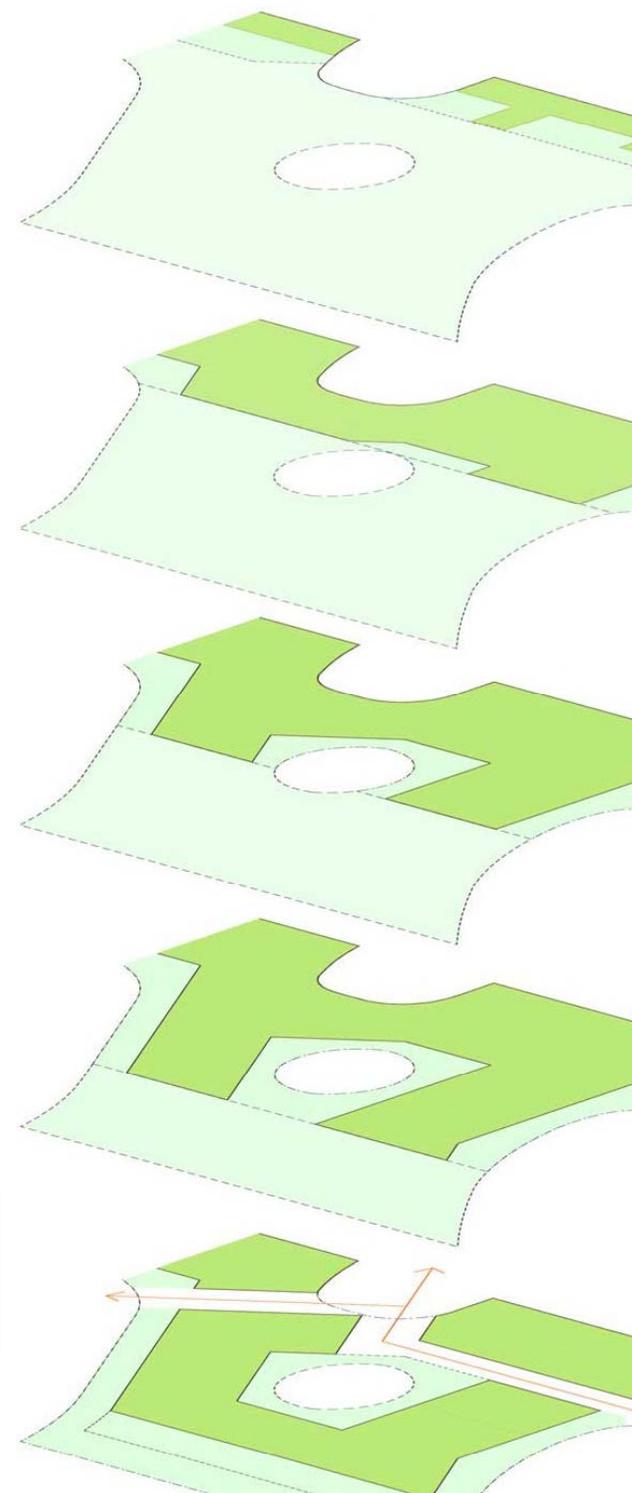
PARK / SOUTH FACADE

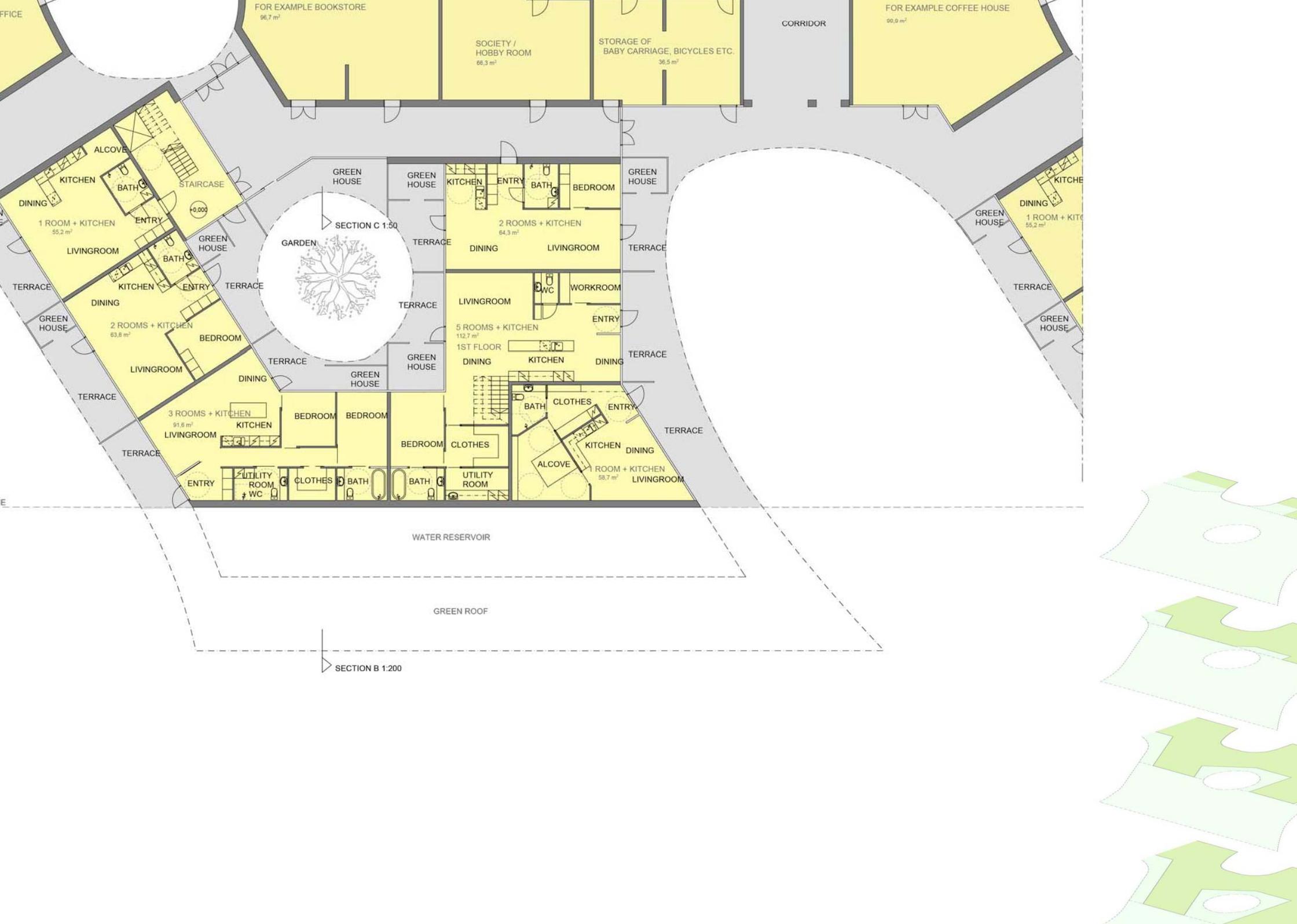


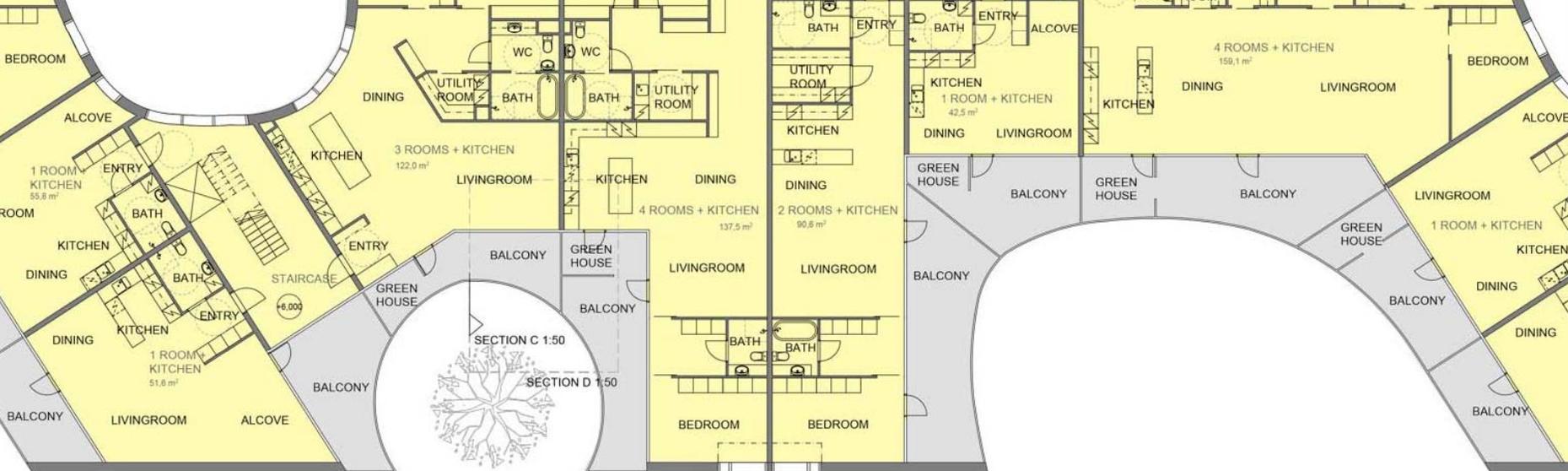
**STREET / NORTH FACADE**





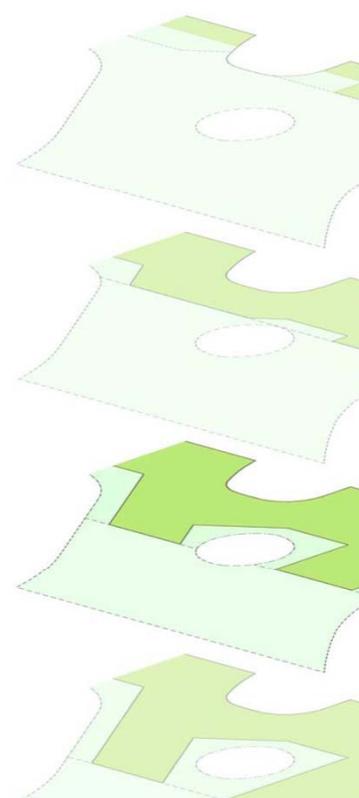


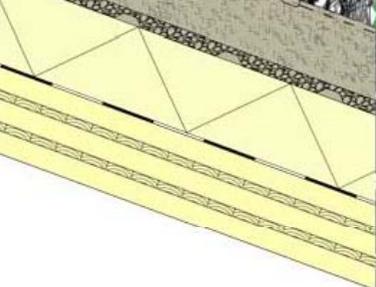




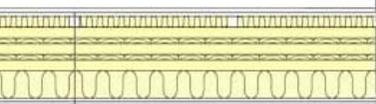
SECTION B 1:200

GREEN ROOF





terior wall  $U=0,11$   $D_{n,r}+C=64$  dB  
 Facade wood panel  
 Ventilation space  
 Isover RKL-31 facade insulation  
 Isover KL-33 insulation  
 CLT-frame  
 Surface treatment

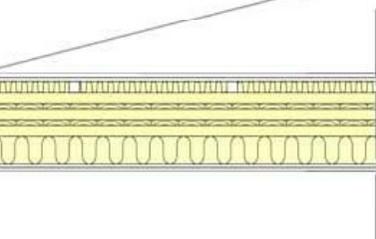
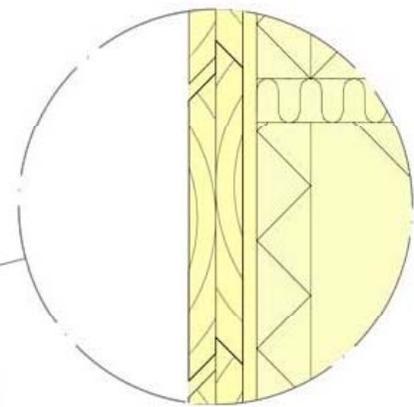


Apartment floor  $D_{n,r}+C=64$  dB  $L_{n,r}+C_{1,50-2000}=51$  dB  
 15mm Parquette + underlayment  
 15mm Particleboard panel  
 40mm Isover FLD + Lumber sleepers  
 180mm 5-layer CLT Frame  
 100mm Gyproc GK + Isover KT AKU  
 13mm Gypsun board  
 13mm Gypsun board

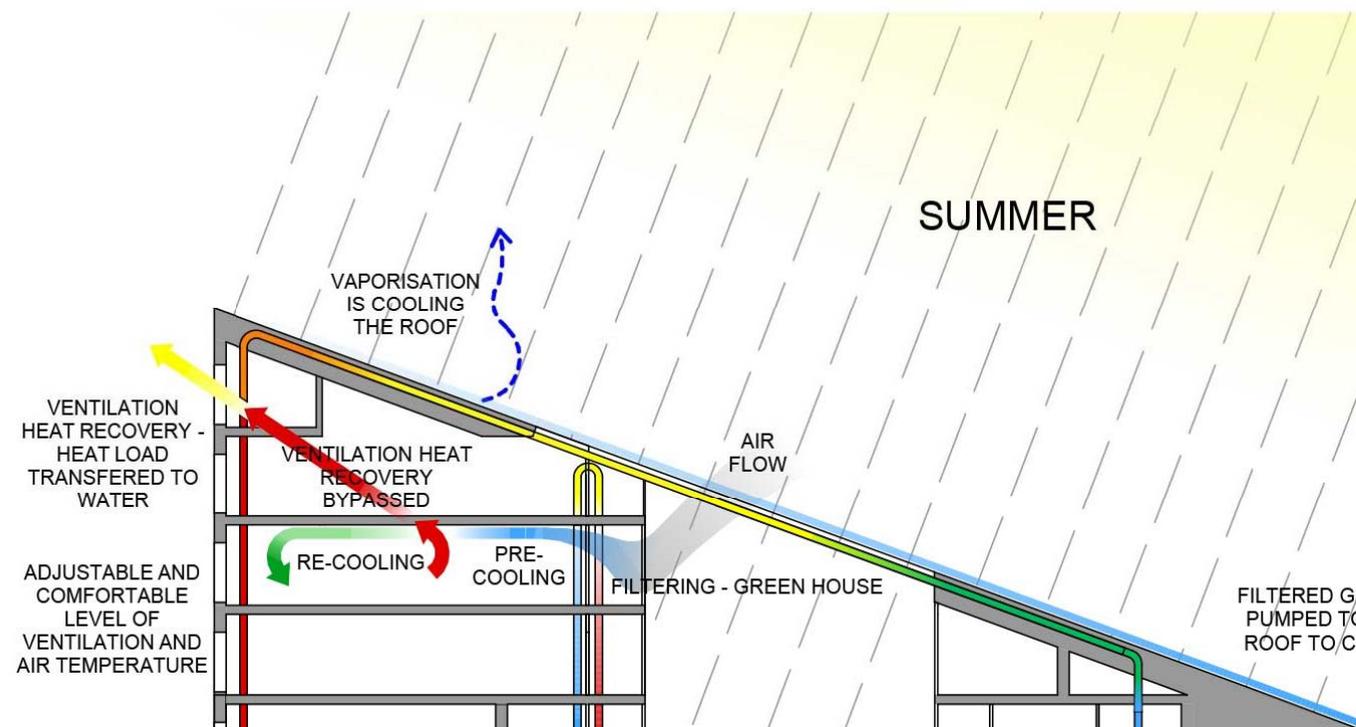
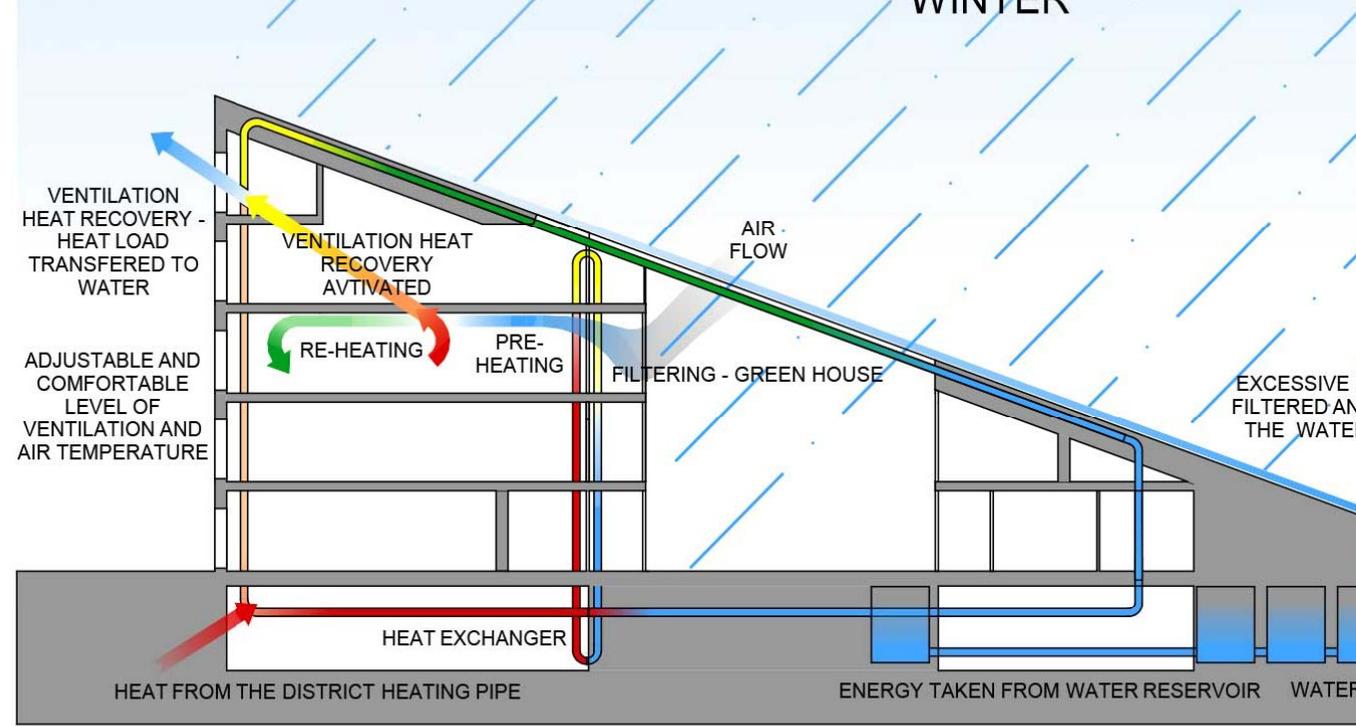


ADJUSTABLE PHOTOVOLTAIC PANEL

Det1 1:5



Ground floor  
 15mm Parquette + underlayment  
 30mm Concrete  
 320mm Hollowcore slab  
 100mm Isover styrofoam 300 SL-AN





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THANK YOU