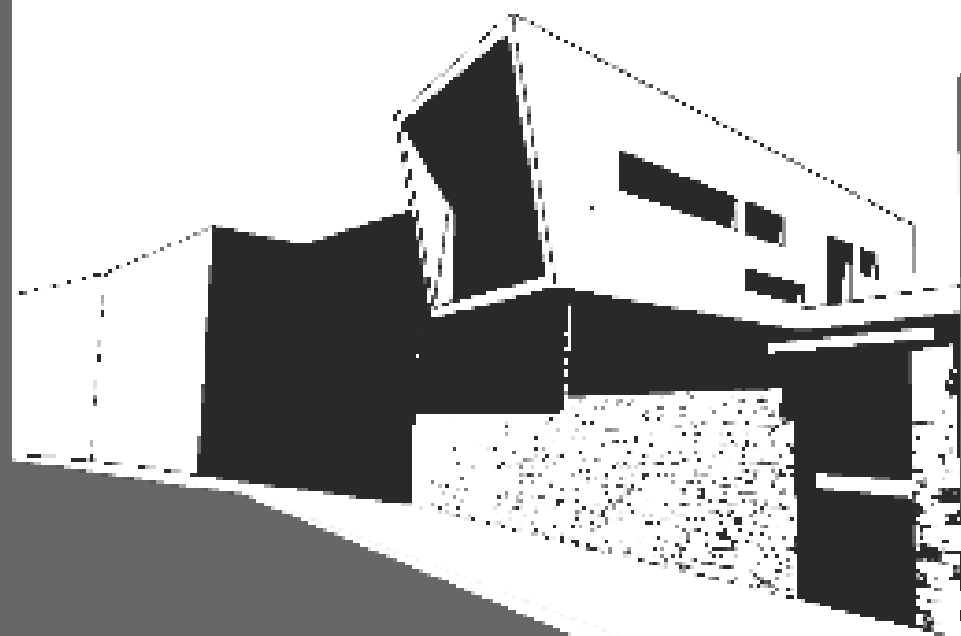
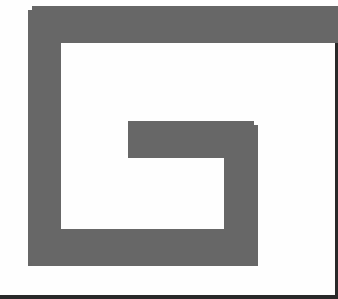


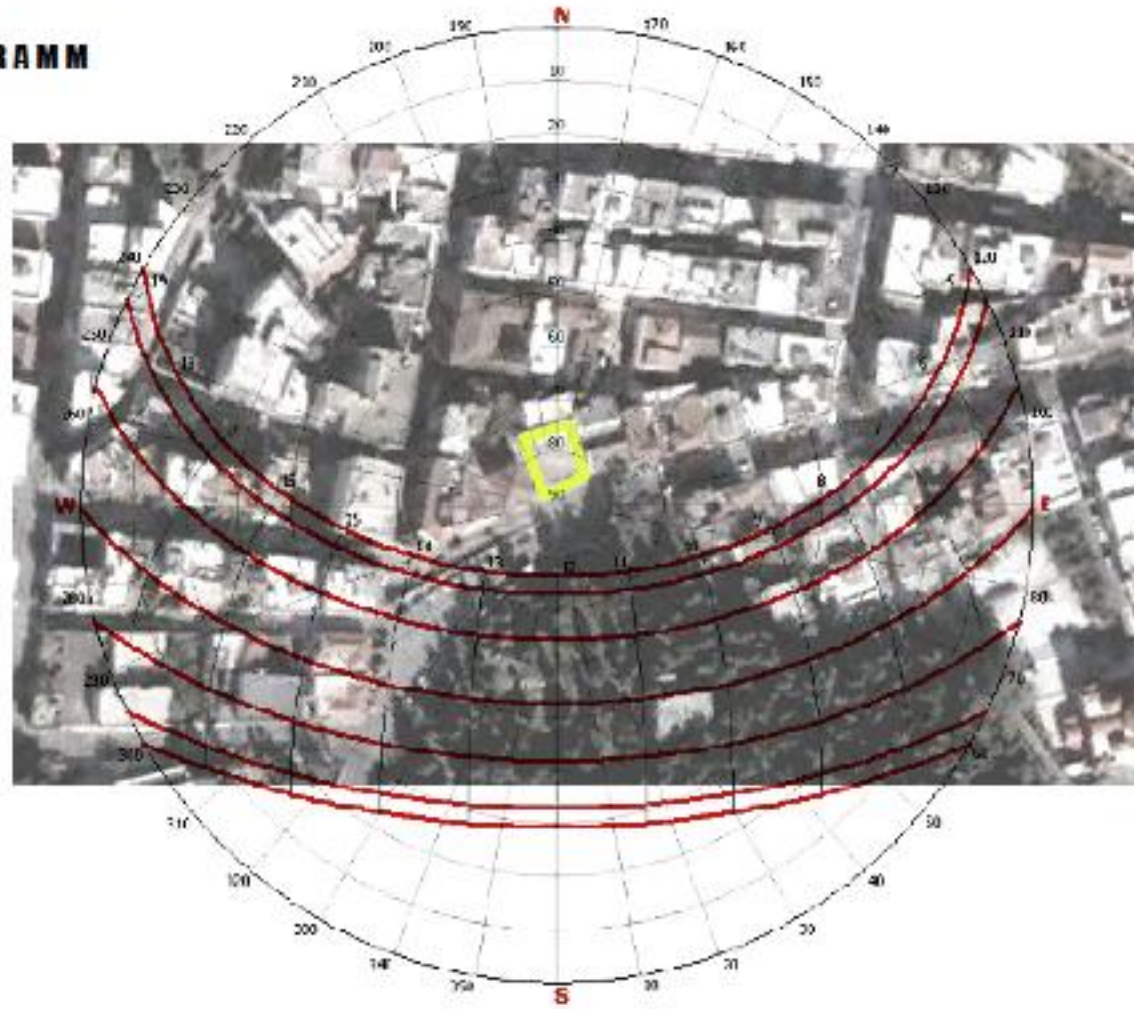
**ΟΙΚΟ-CENTRIC**

**LABYRINTH**



**by** Apostolis Apostolinas  
Maria Bessa  
Matassa Kallon  
Theodoros Kyttas  
Pantelis Petridis  
Christina Spandagon

**SUNPATH DIAGRAMM**



**37 N**

**INTERNAL COURTYARDS**



**SCALE**

**DIVERSITY OF THE BUILDING ENVELOPES**



**ARCHEOLOGICAL REMAINS**



**NORTH VIEW OF THE SITE**



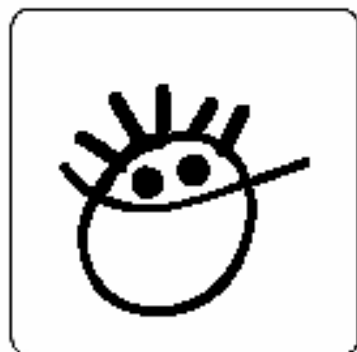
KONSTANTINOS  
33 YEARS OLD



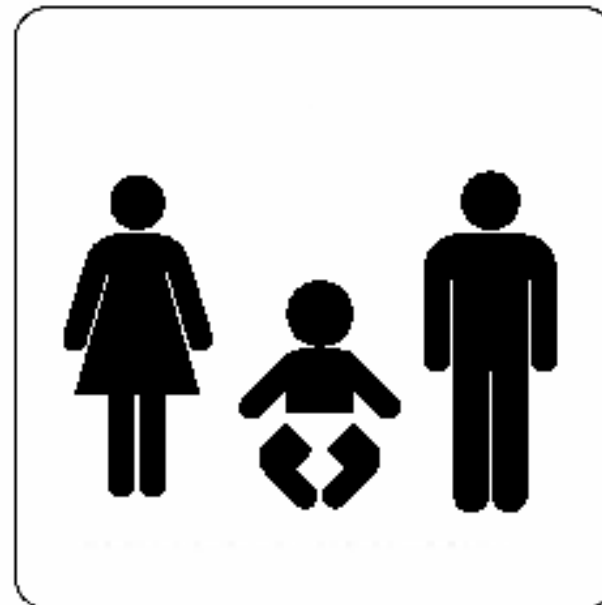
GNARA  
28 YEARS OLD



JUNIOR  
2 YEARS OLD

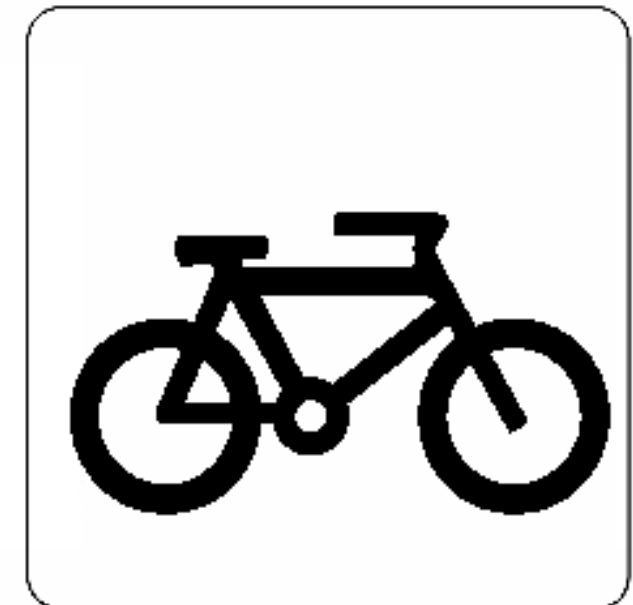


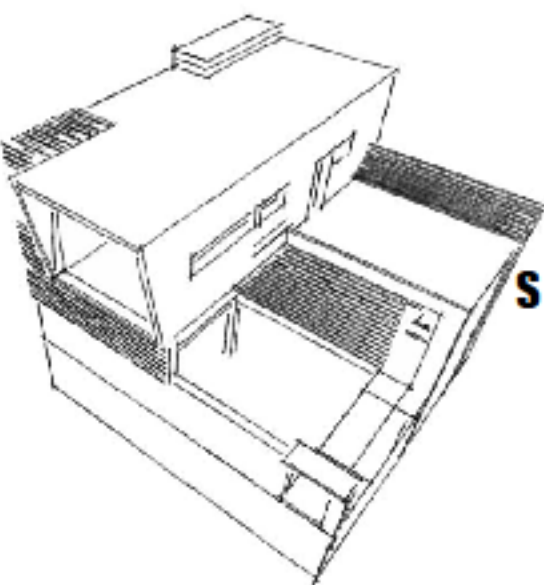
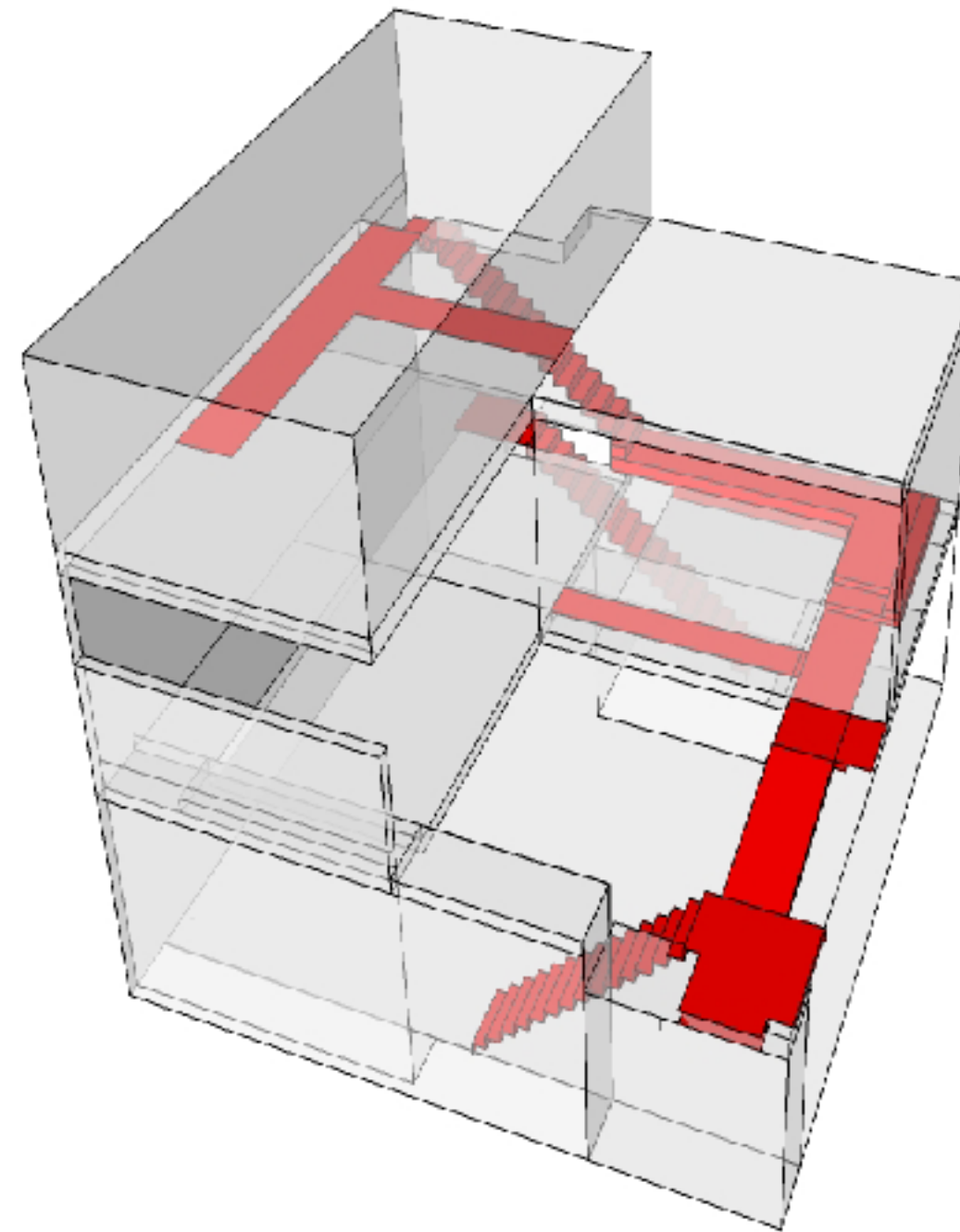
3 PERSONS



+

1 BIKE





**UNFOLDING PROMENADE - ESTABLISHING PASSIVE ENVIRONMENTAL SOLUTION**

**FLOATING STRUCTURE - RECYCLABLE/REUSABLE MATERIALS**

**CONTINUOUS SPATIAL TRANSITIONS - BUFFER ZONES/ NATURAL VENTILATION/ GREEN ROOF**

**SUBMERGED ARCHAEOLOGICAL REMAINS - ALLOW NATURE TO TAKE-OVER**

**COURTYARD BTW PUBLIC AND PRIVATE - AIR CIRCULATION & DAYLIGHT PENETRATION**

**IN THE SCALE OF THISSEION NEIGHBORHOOD**



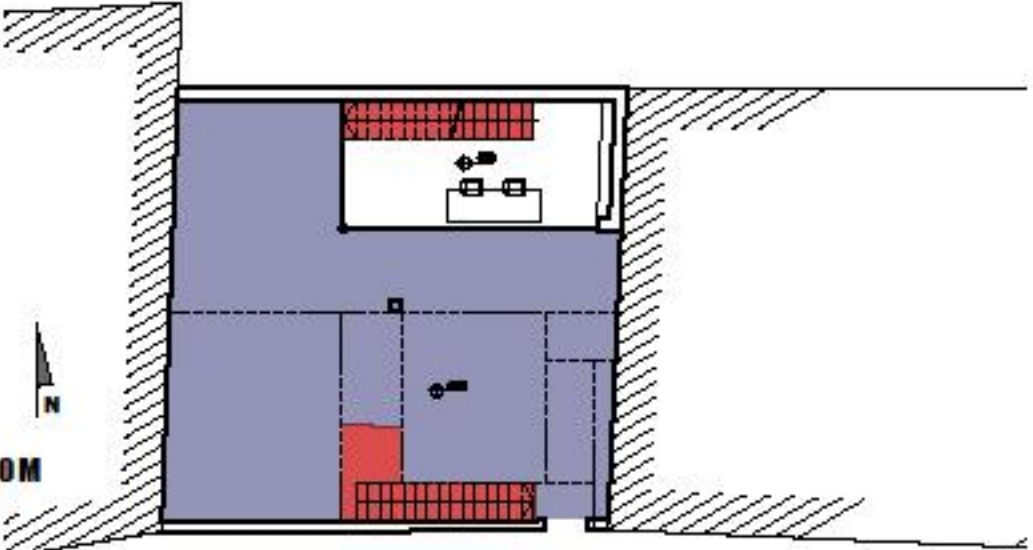
**ARCHAEOLOGICAL SITE IN AKROTIRI  
SANTORINI**



**ZENOBIA.  
FLOATING CITY  
ITALO CALVINO**



**SCAFFOLDS OF THE PARTHENON**



**BASEMENT LEVEL -2.50M**

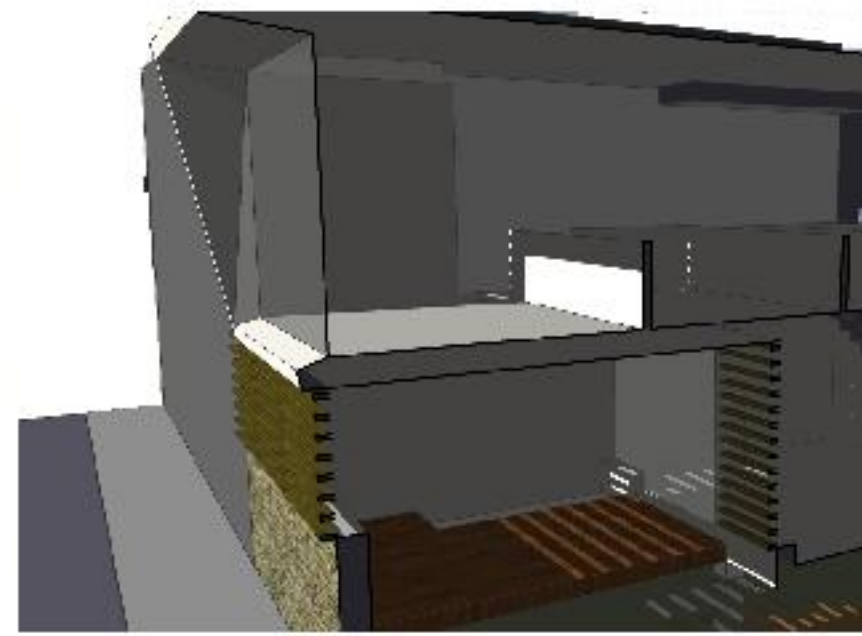
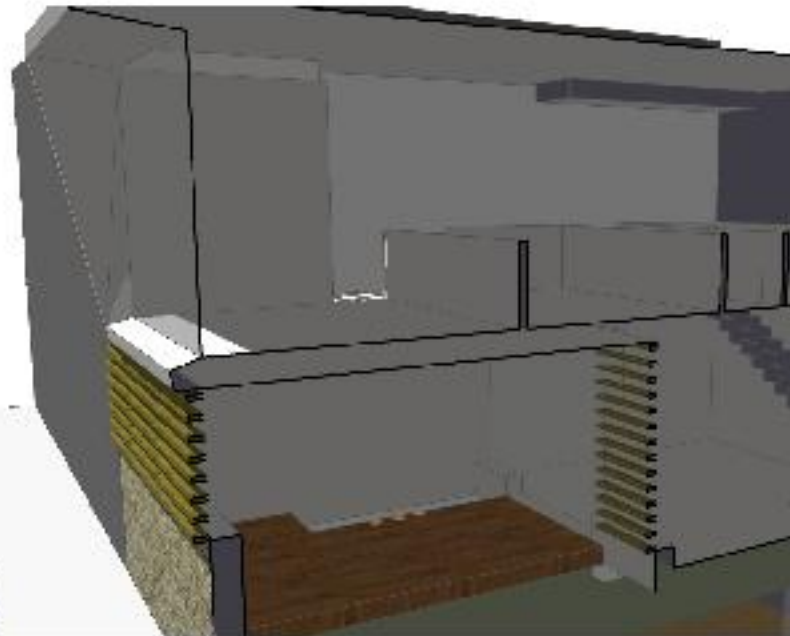
## HORIZONTAL WOOD LOUVERS IN SOUTH FACADES BLOCK HIGH ANGLE SUN (SUMMER) - LOW ANGLE SUNLIGHT PENETRATION (WINTER)



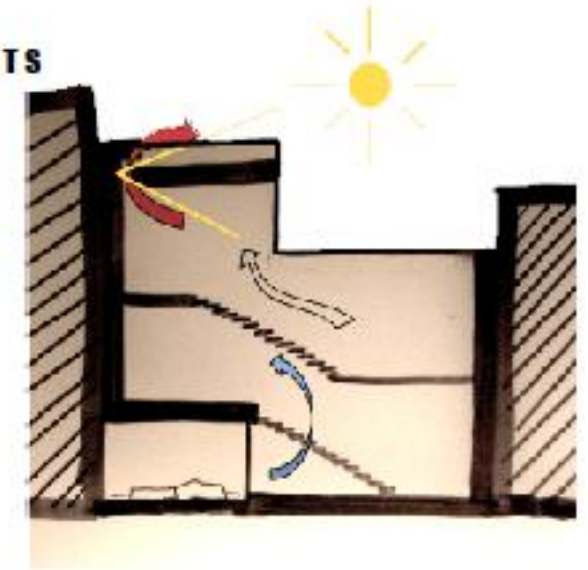
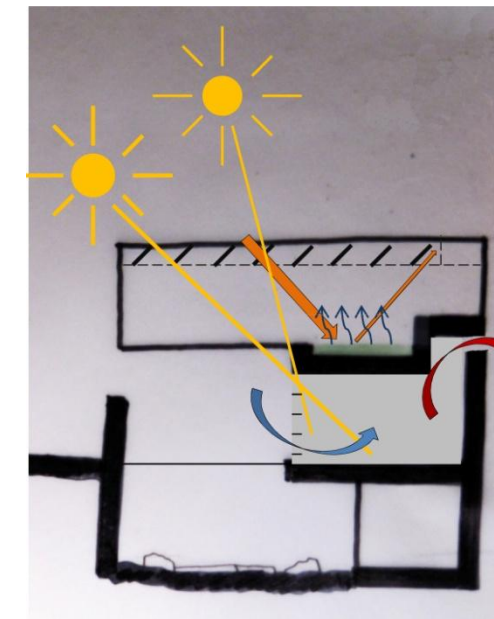
HIGH SUN ANGLE/SUMMER



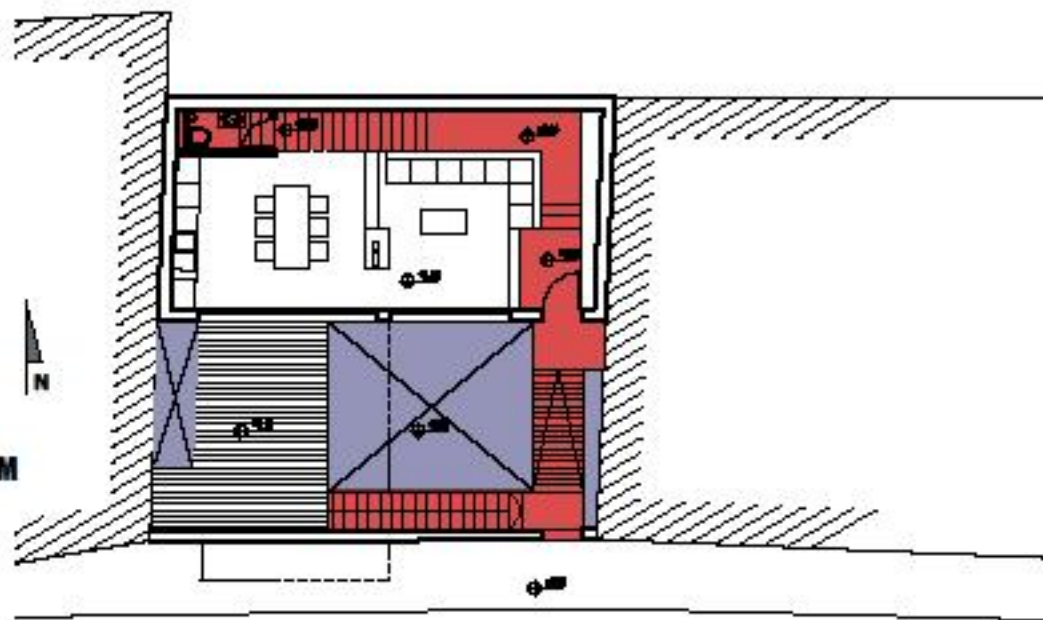
LOW SUN ANGLE/WINTER



## NATURAL VENTILATION HOT AIR EXHAUST THROUGH SKYLIGHTS

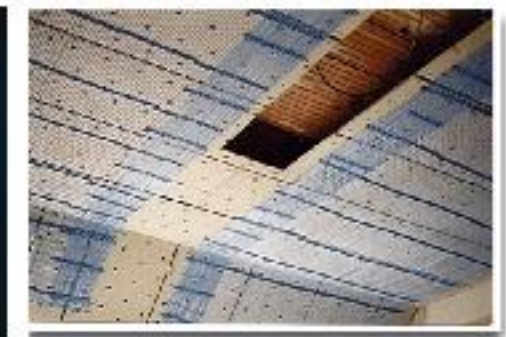


## POROUS MASONRY WALL & DOUBLE GLAZED FACADE ON THE NORTH



GROUND LEVEL  $\pm 0.00M$

## CAPILLARY TUBES FOR HEATING AND COOLING

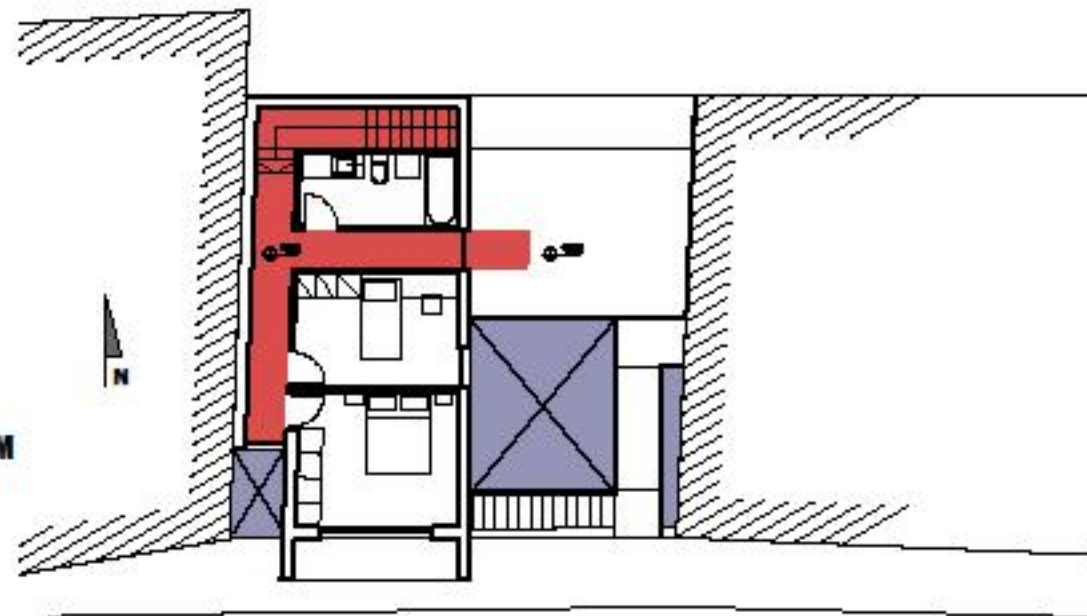




**EXTENSIVE GREEN ROOF**



**PROTECTIVE ADJUSTABLE EXTERNAL SHADING**



**1ST LEVEL +3.50M**

**INCLINED PVS ON THE HORIZONTAL ROOF TO ACHIEVE MAXIMUM SUNLIGHT CAPTURE**

