

w6 ■ kard architects

■ papanastasiou park

eleni beza dionysia dedousi zoi elefteriadi antonia gerogianni anna gkiata vasileios giouveznalis thaleia kakolyri
polyxeni istantsou elli nikolaidou athina papadopoulou evangelia papadopoulou sonia theodosiadi sofia topi
dimitra valavanidou // alexandros kouloukouris dimitris raidis





● “Efklidis” school

● 6st - 24rth high school

● 13rd primary school - 93rd kindergarden

Papanastasiou park



USES

green space

health facilities

culture

education





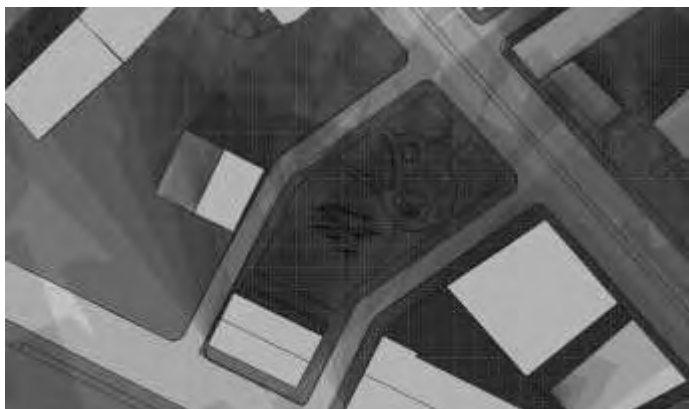
WINTER

Site & Climate Analysis

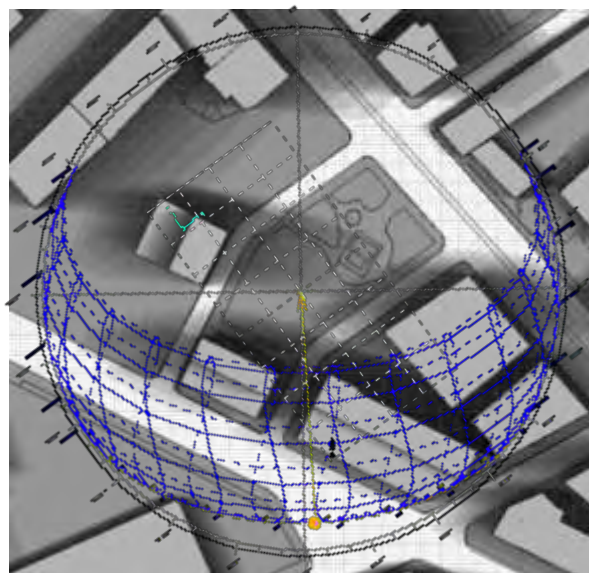
SUMMER



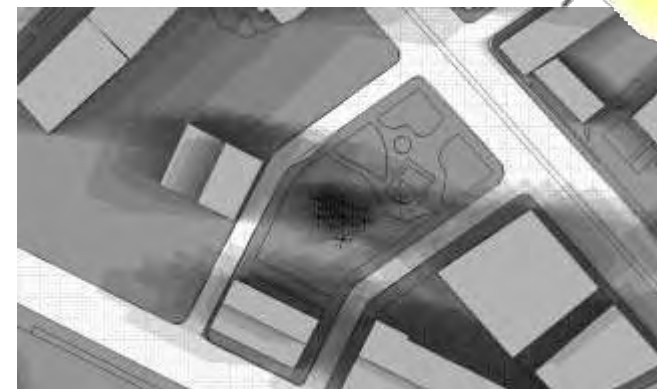
Winter Solstice – 21st July



Shadow Range 09:00 – 18:00



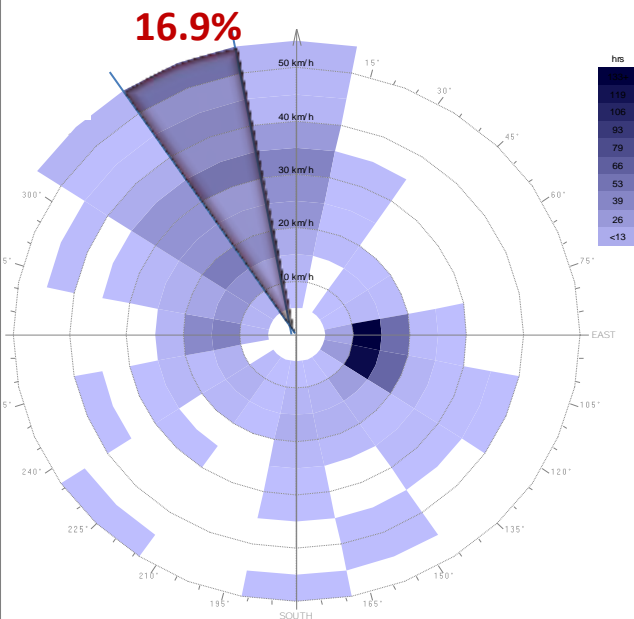
Summer Solstice 21st July



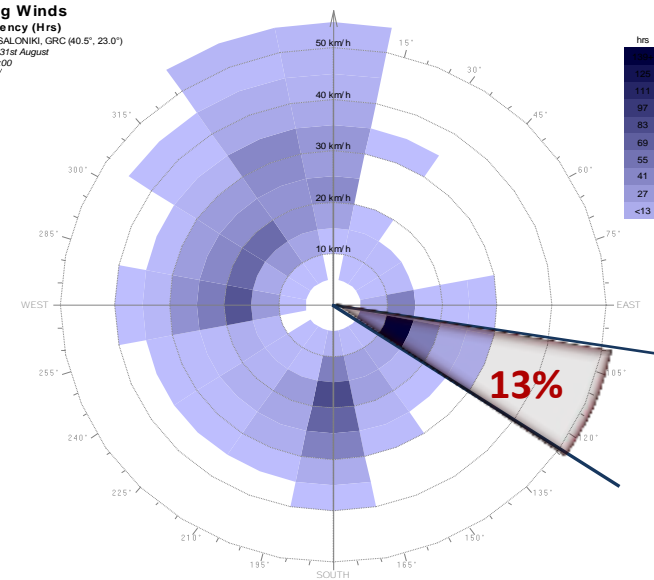
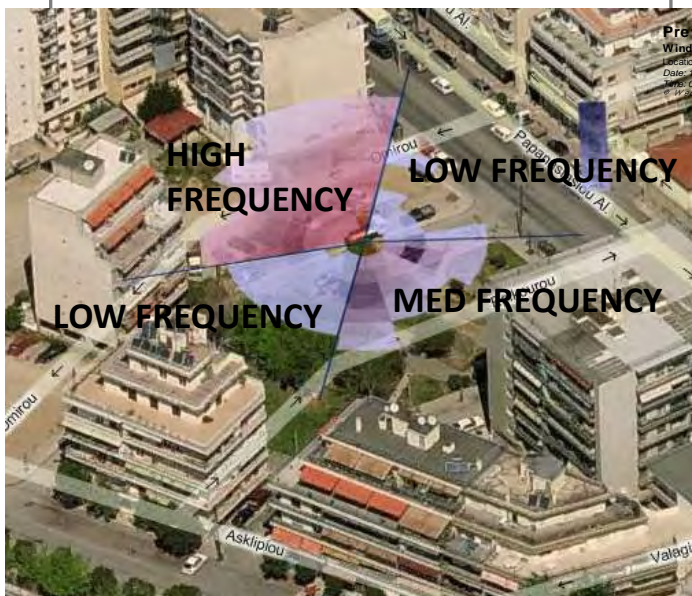
Shadow Range 09:00 – 18:00

SUN

WIND



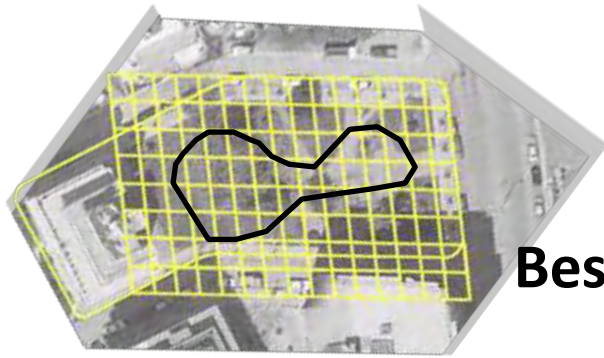
Temperatures <0~5 °C
BLOCKED DIRECTIONS



Temperatures <10~25 °C
ADMITTED DIRECTIONS



Microclimatic Site Analysis Method



Best comfort areas

Bioclimatic Design Goals

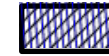
WINTER

SUMMER

Sun + Lee



Wind + Shade



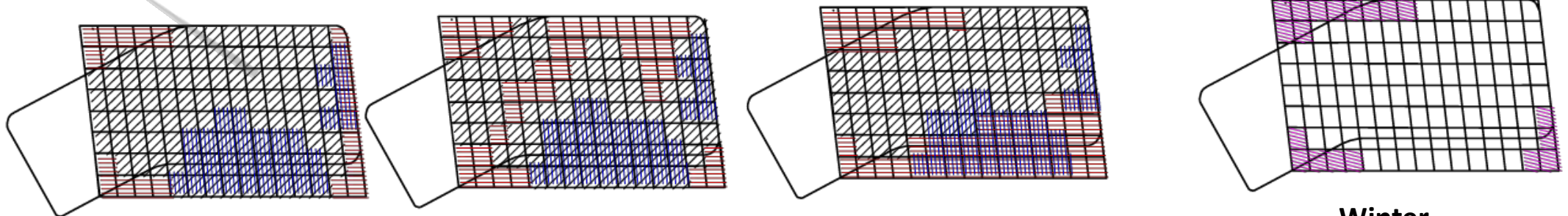
Sun + Wind



Shade + Lee



December



9 am



12 am

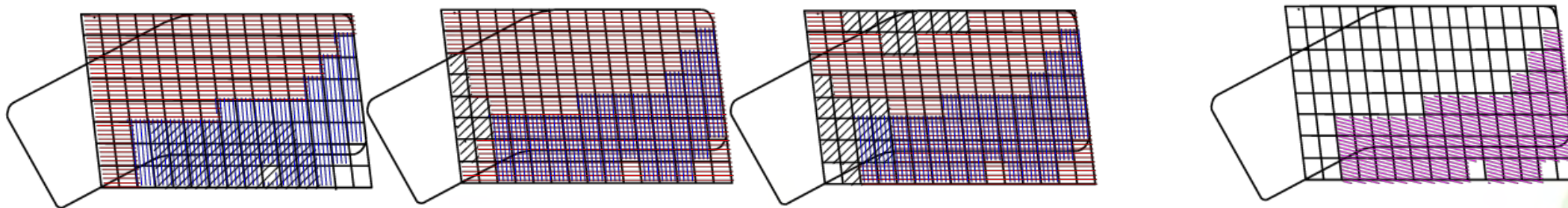


15 am



**Winter
Best Climatic Conditions**

July



Sun



Shade



Wind

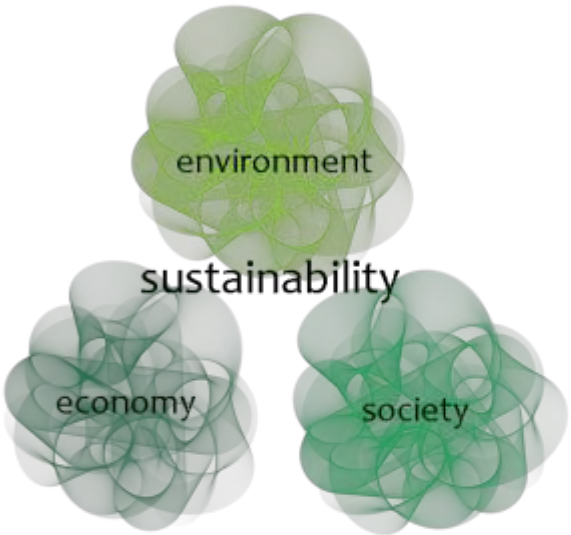
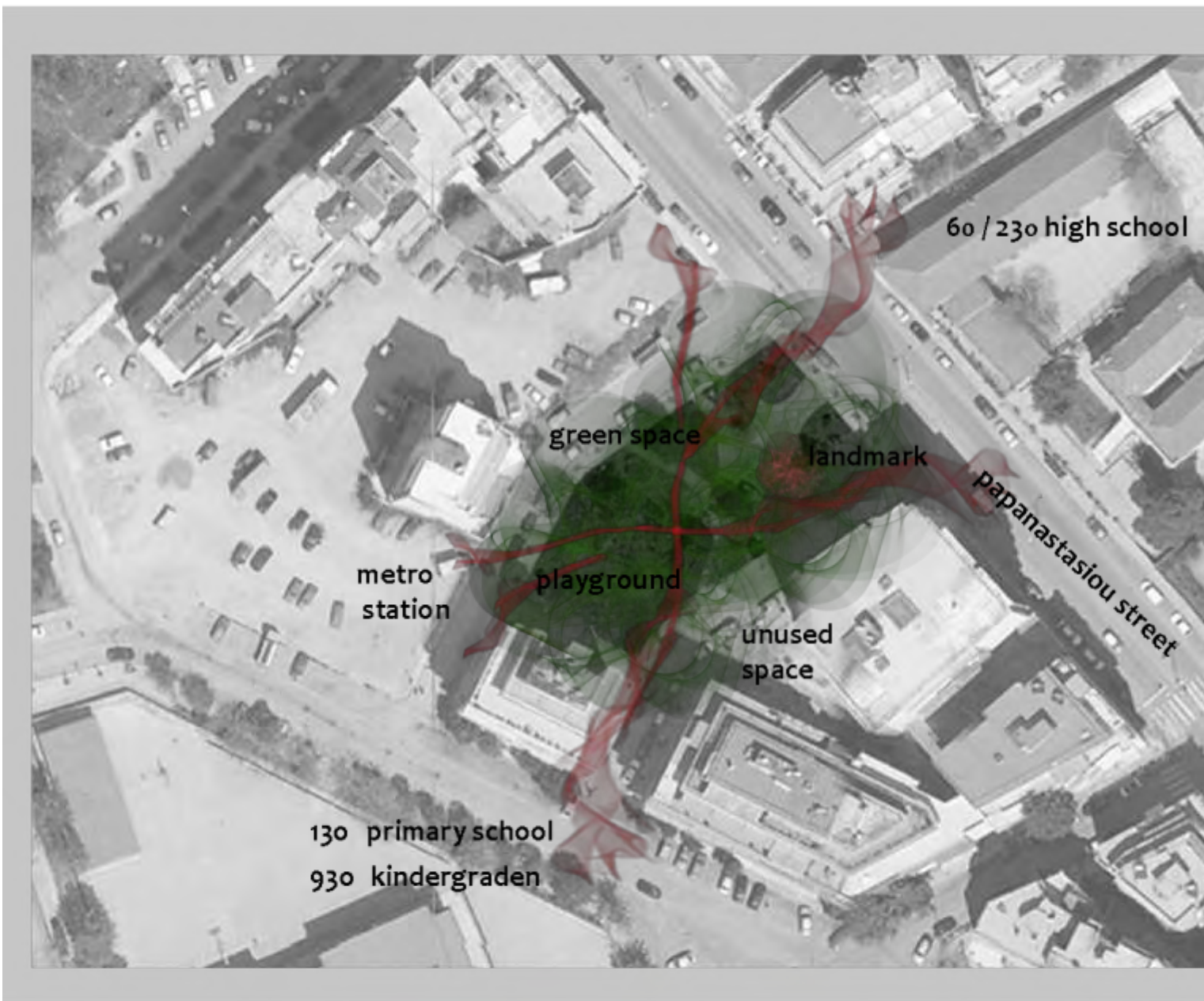


Lee



**Summer
Best Climatic Conditions**



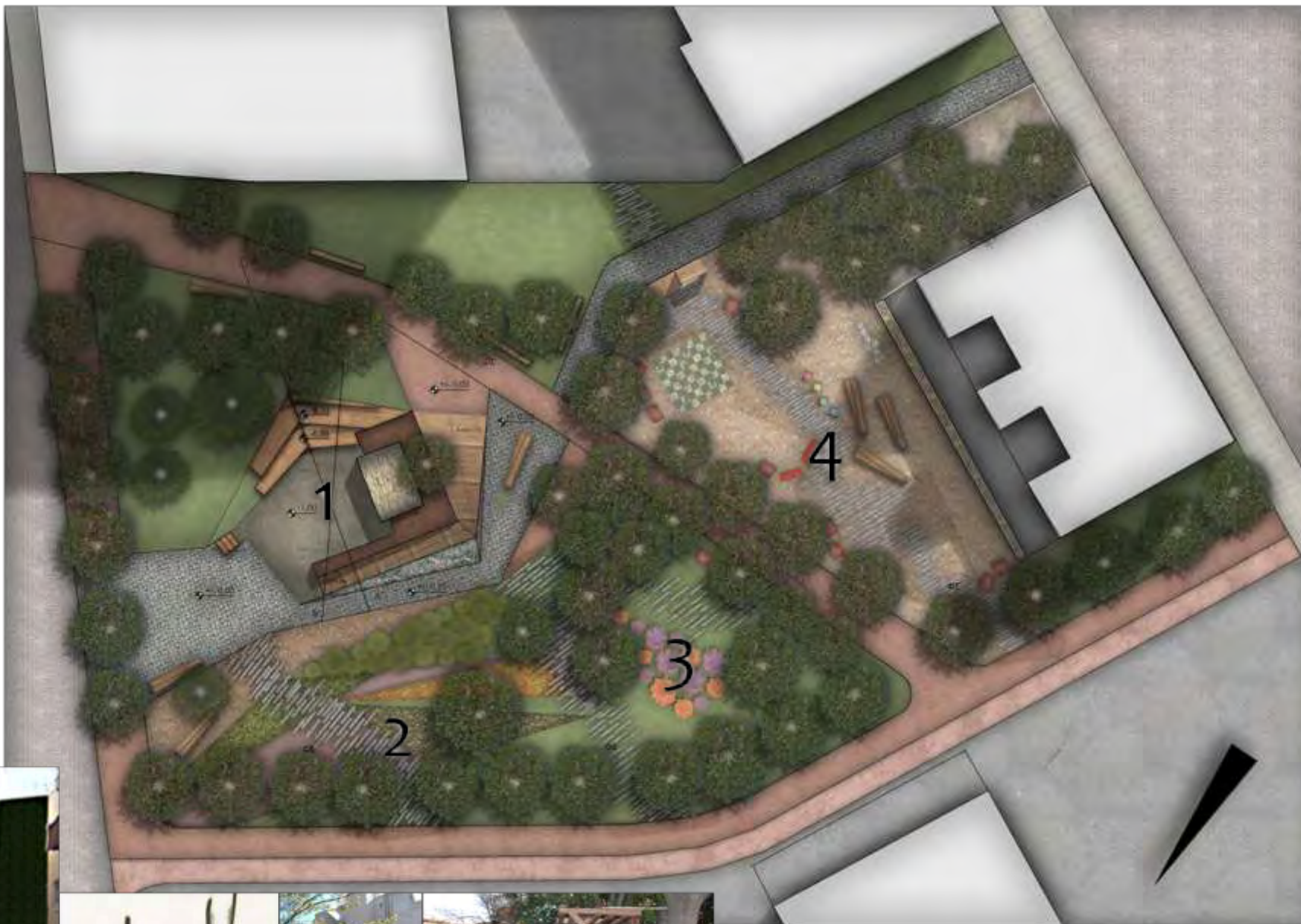


ecology

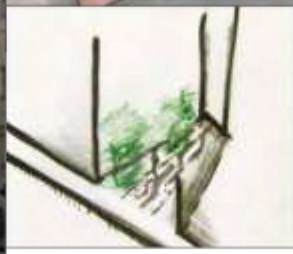
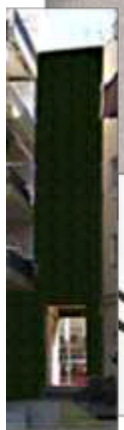
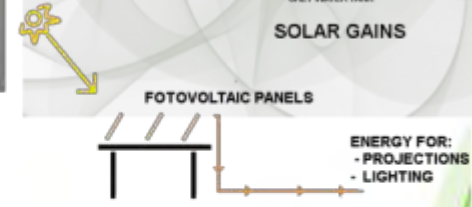
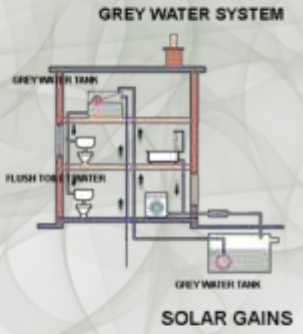
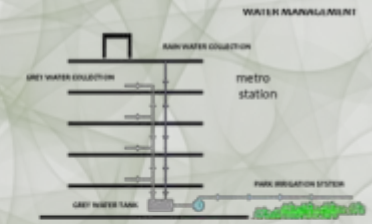
energy

recycling

saving



1. Monument - educational lectures
2. Aromatic garden
3. Therapeutic garden
4. Recycling_upcycling





playground area



recycling_upcycling

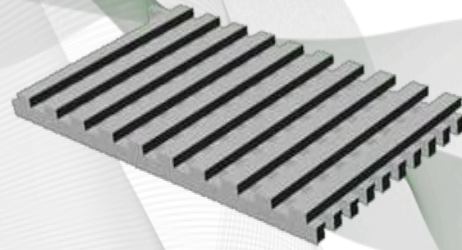
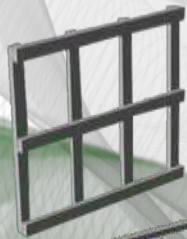
interactive

learning through entertainment





palettes



solar panels

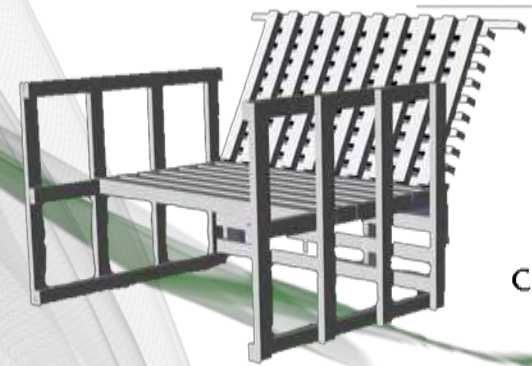
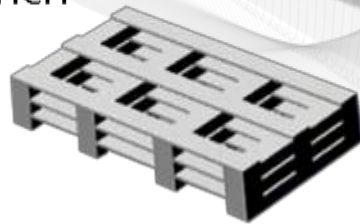


swing

seat



bench



chair





wooden pieces



recycling bins-seats



turfgrass



gravel



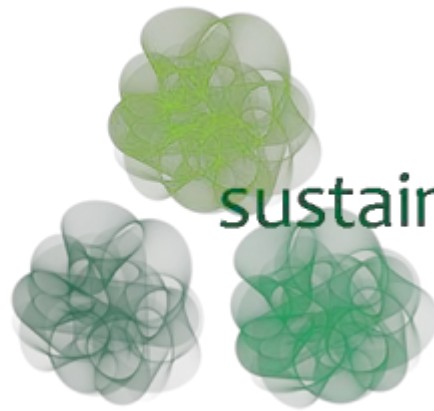
flower pots



chess pieces



chessboard



sustainable park

- rethink
- reuse
- live green _ think green
- recycle _ upcycle
- energy economy
- use green materials