



BLOW.SOME HOUSE

[BLOSSOM HOUSE]

ANAGNOSTOPOULOU CHRISTIANNA
BRA DIMITRA
LOGOTHETI ELENI
TRIPANAGNOSTOPOULOU MARIA
VATHI ANTHI
TSITOURA MARIANNA

OFFICE N.SMYRLIS ARCHITECTS



BLOW.SOME HOUSE

ECOWEEK 2010



POSITION

SUN AND WIND

ZOOM OUT AREA--

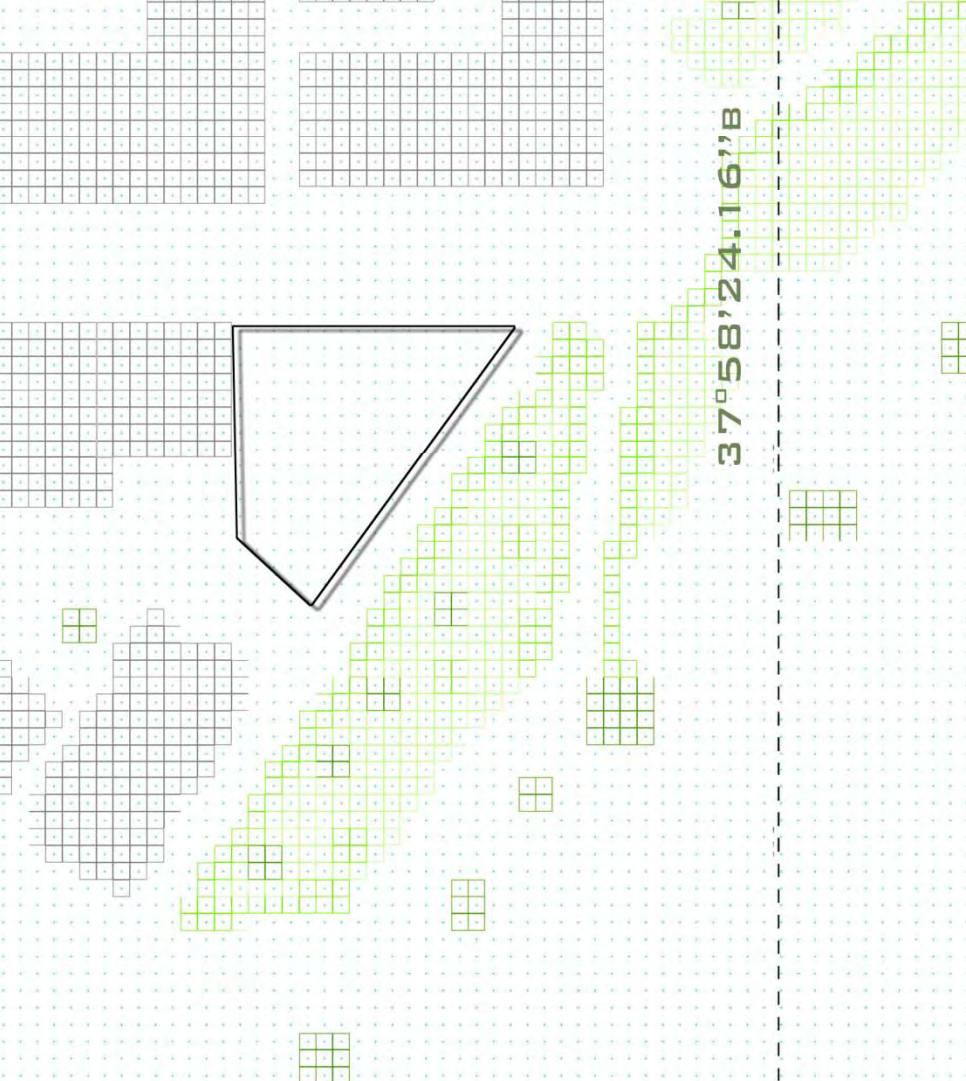
37°58'24.16"B

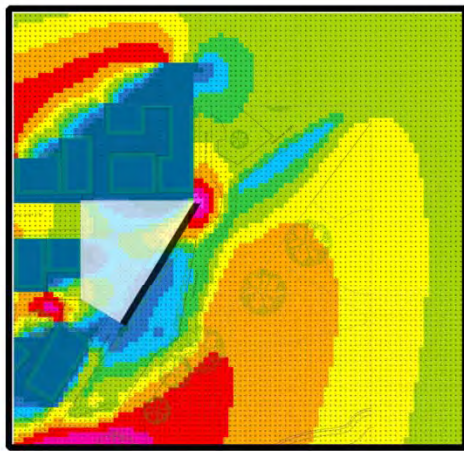
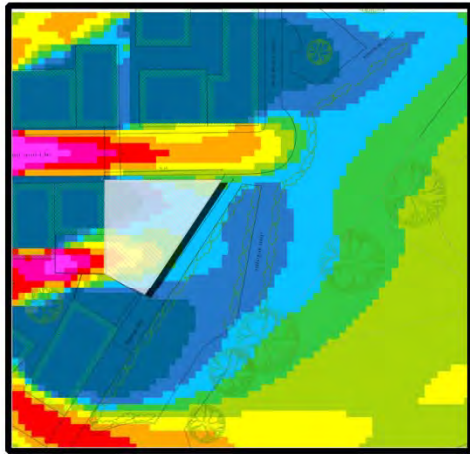


ZOOM IN+

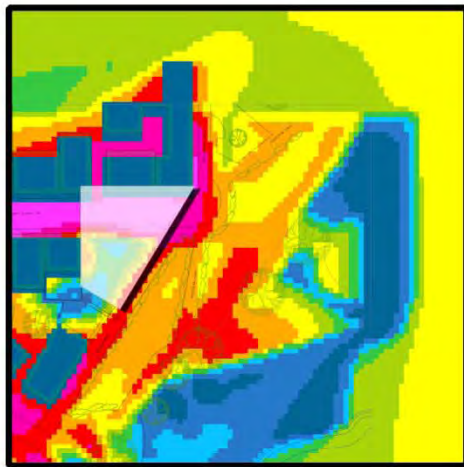
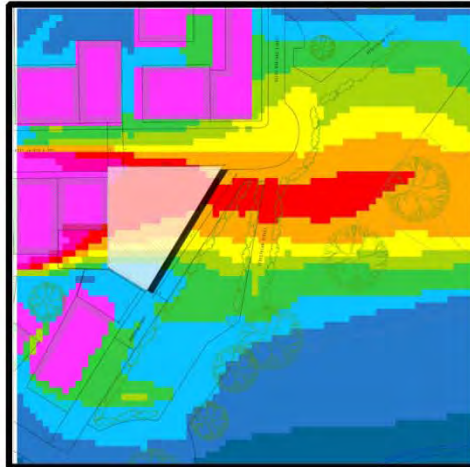


DIAGRAM

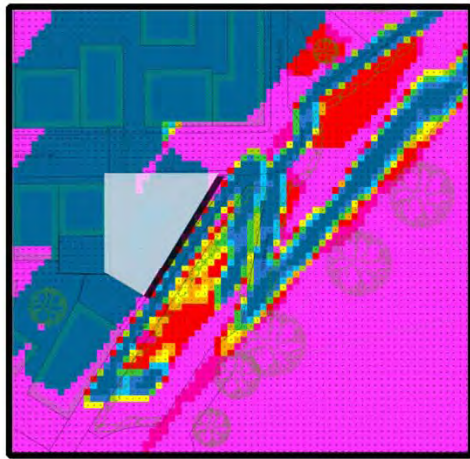




MEAN WIND SPEED



MEAN TEMPERATURE

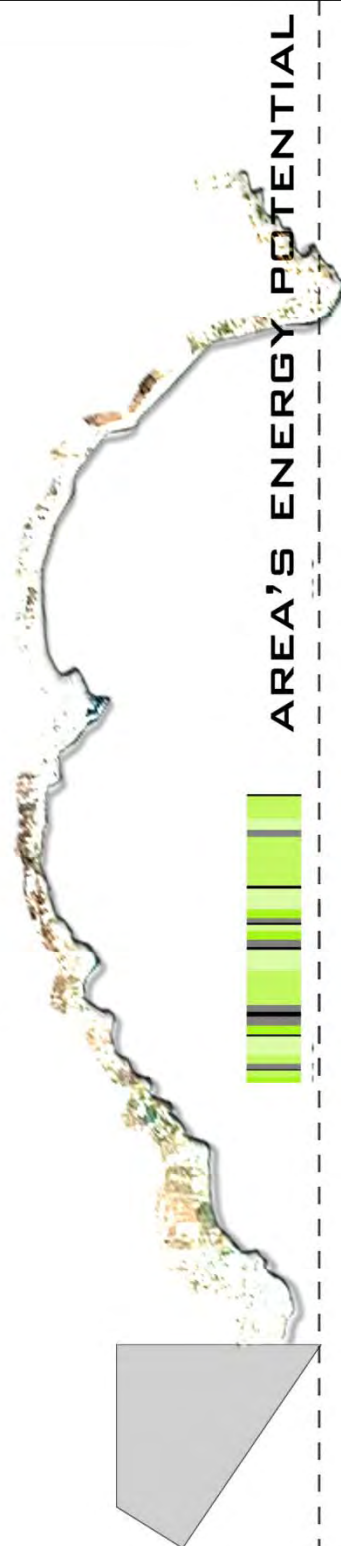


MEAN ENVIRONMENT RADIATION

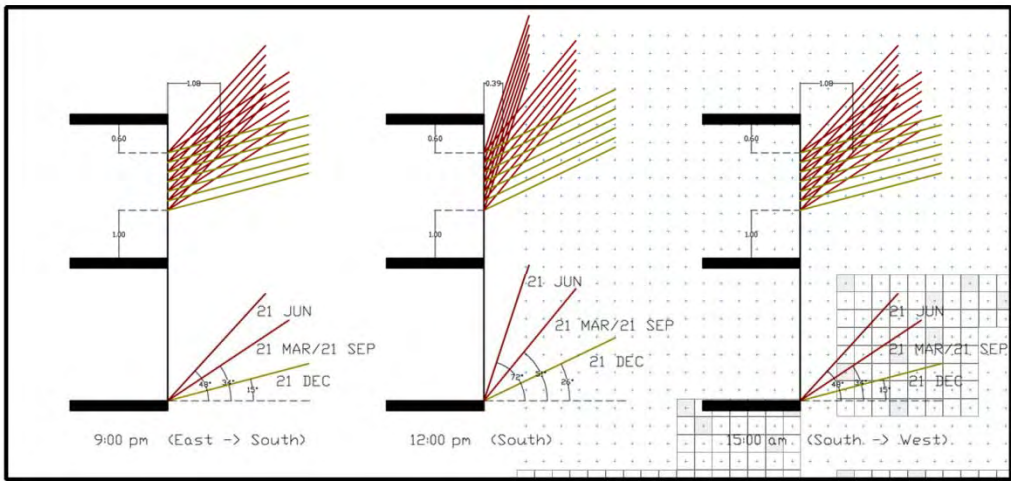


WINTER

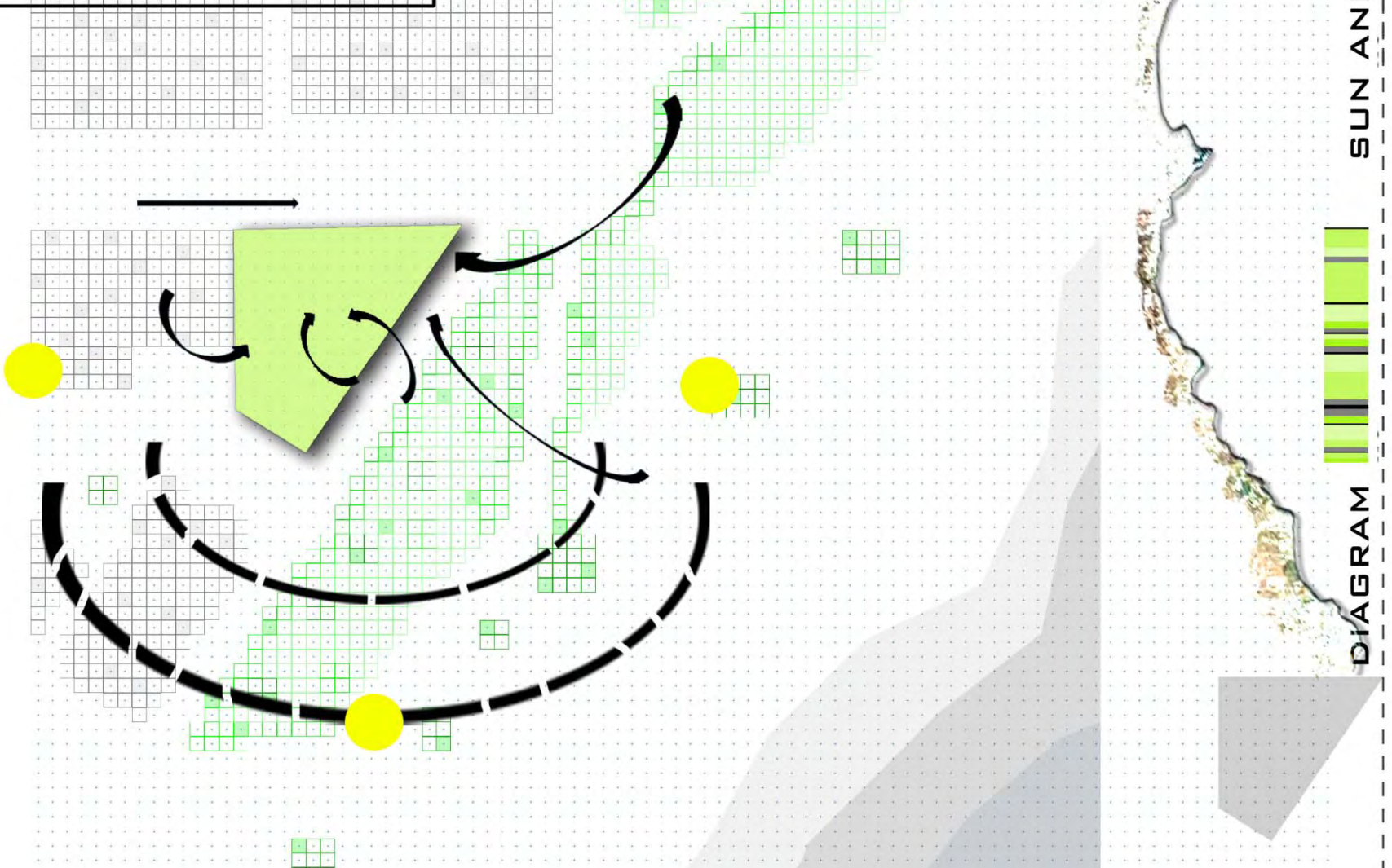
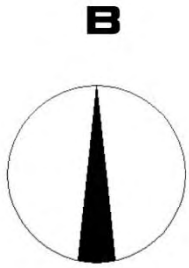
SUMMER



AREA'S ENERGY POTENTIAL

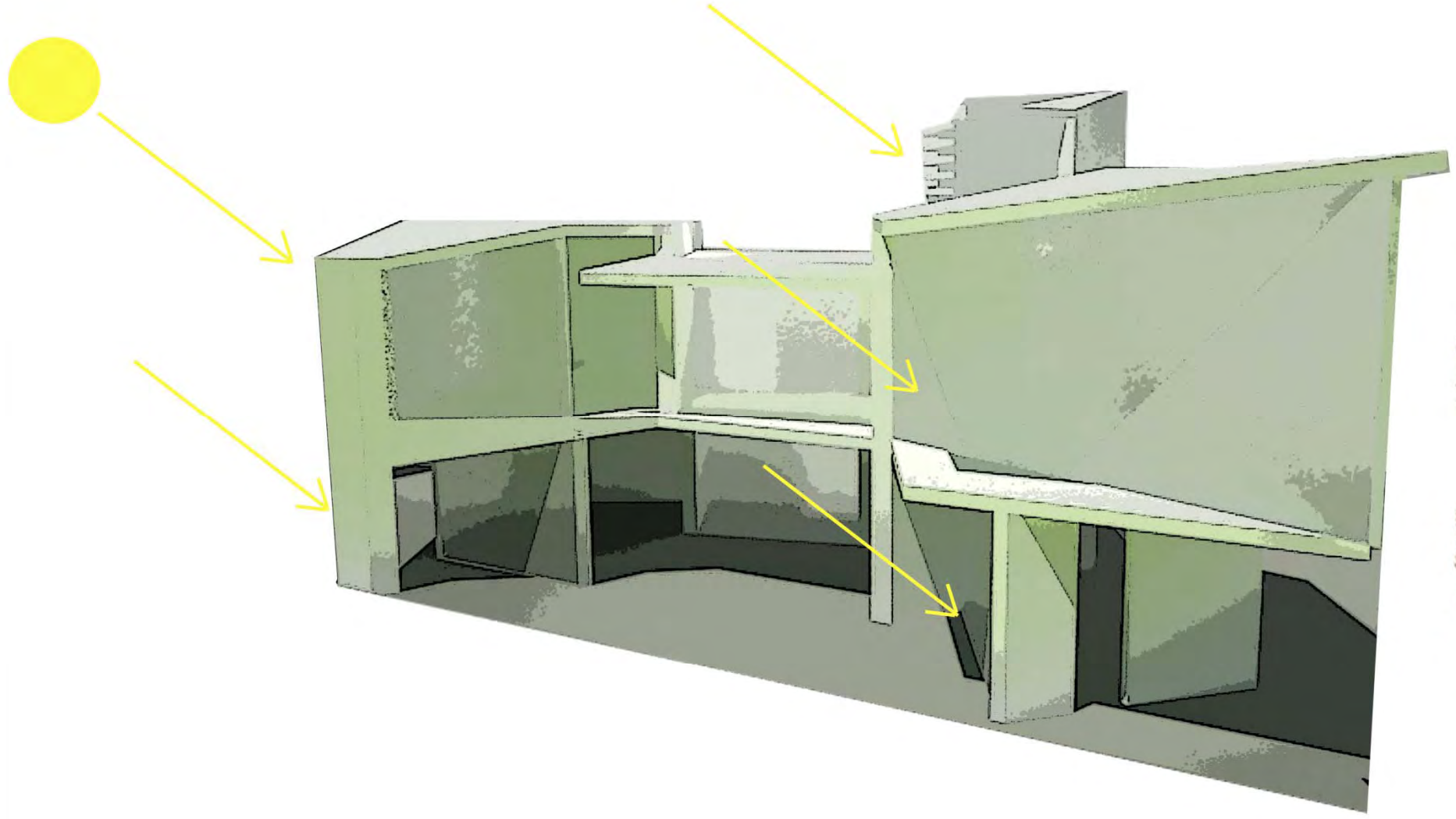


SOLAR TRAY



SUN AND WIND POSITION

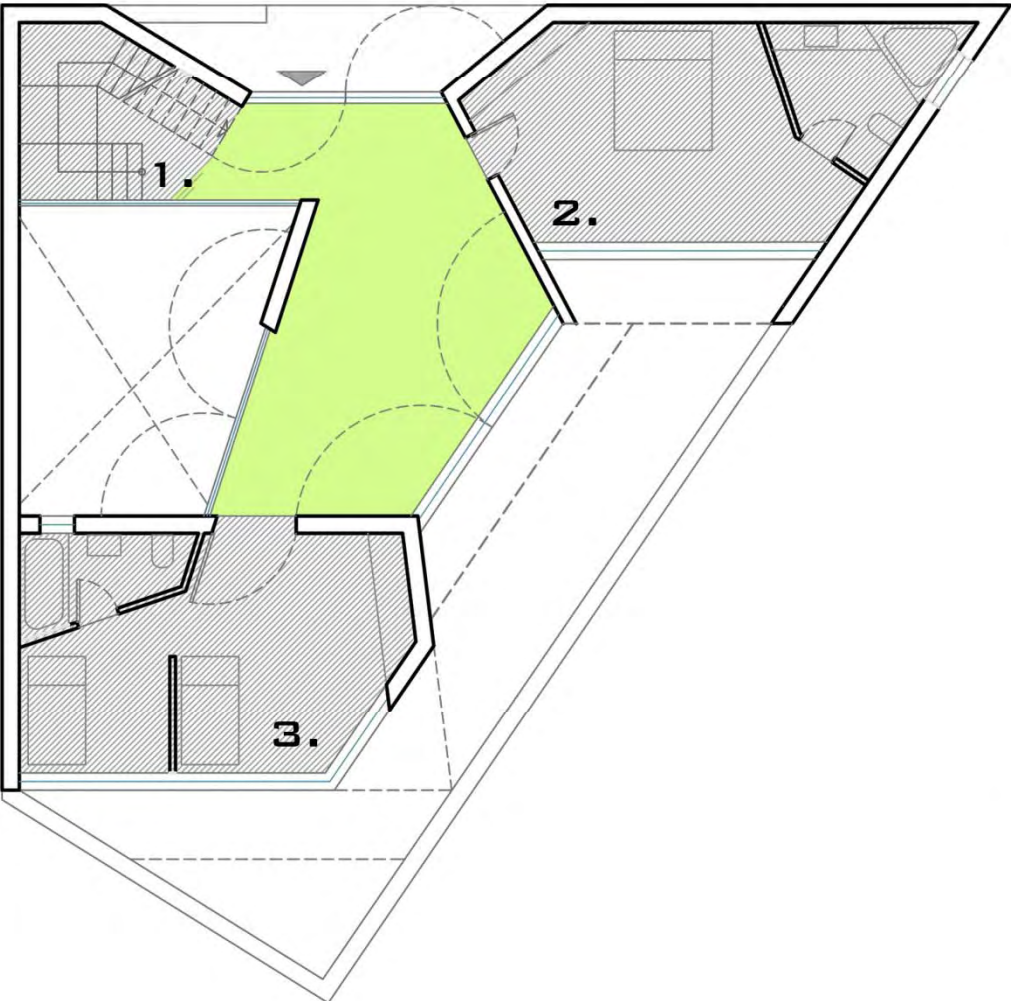
DIAGRAM



SECTION

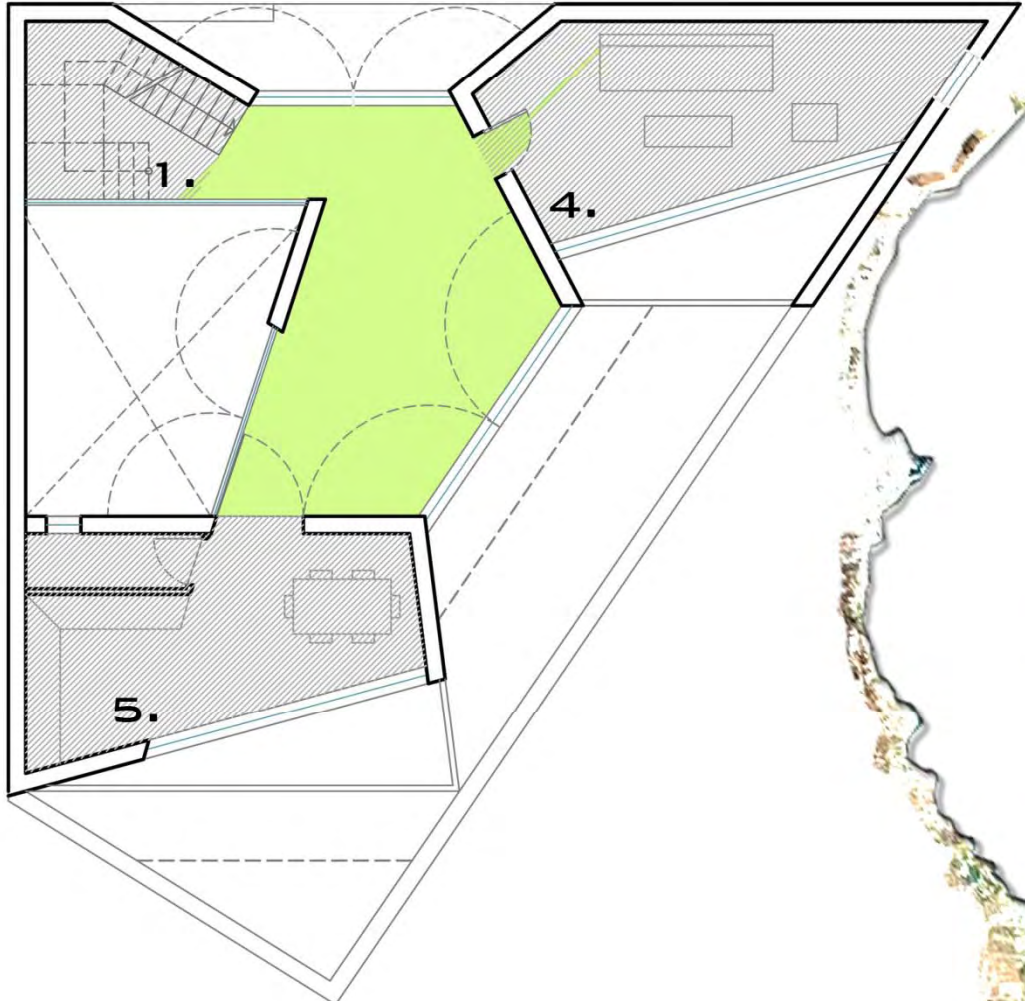
DIAGRAM

GROUND LEVEL

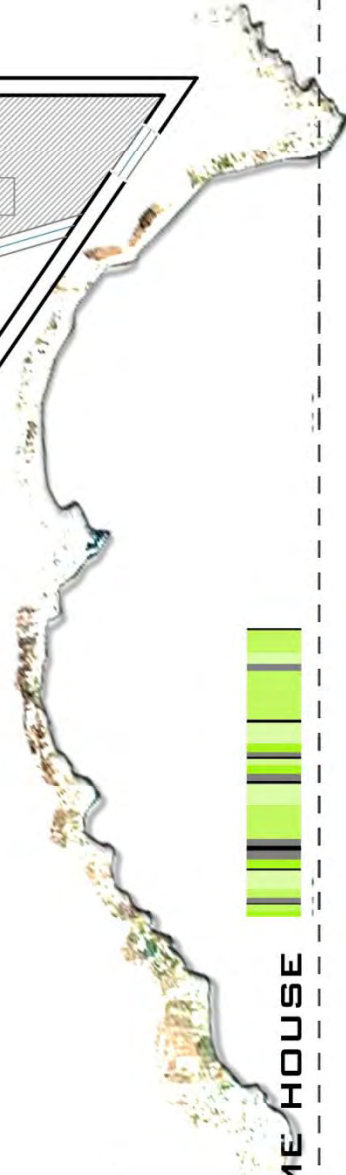


- 1. STAIRCASE**
- 2. MASTER BEDROOM**
- 3. CHILDREN'S BEDROOM**

FIRST LEVEL

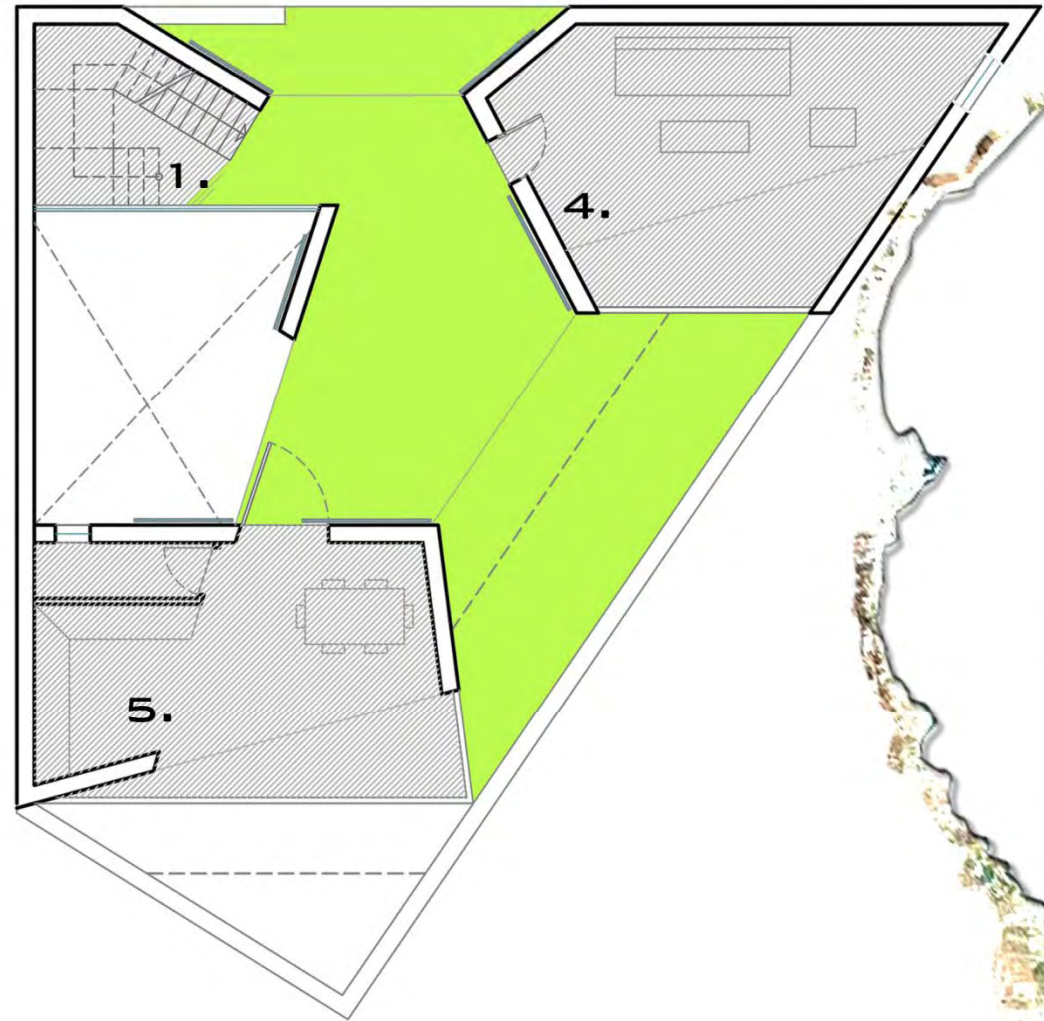
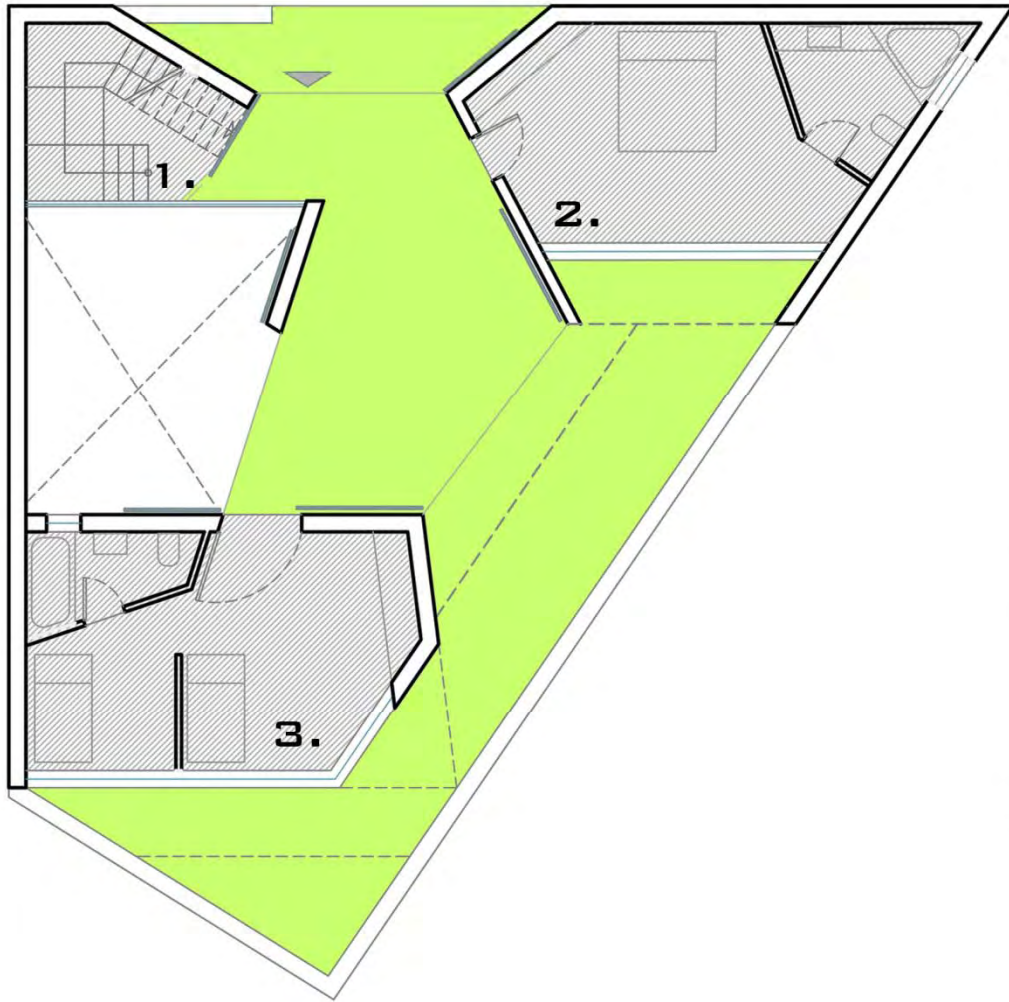


- 4. LOUNGE**
- 5. KITCHEN / DINING AREA**



GROUND LEVEL

FIRST LEVEL



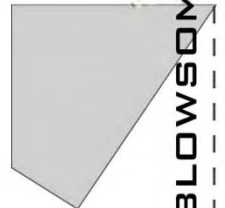
- 1. STAIRCASE**
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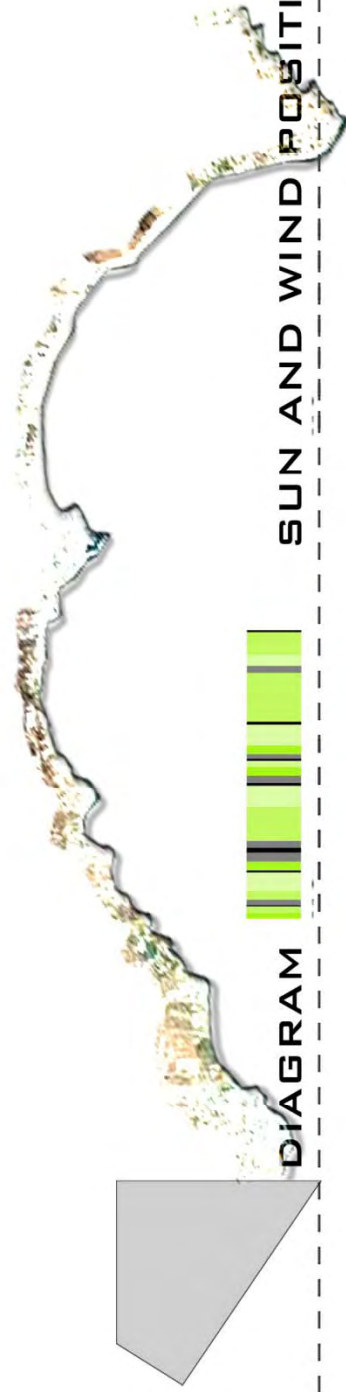
- 4. LOUNGE**
- 5. KITCHEN / DINING AREA**

DURING SUMMER



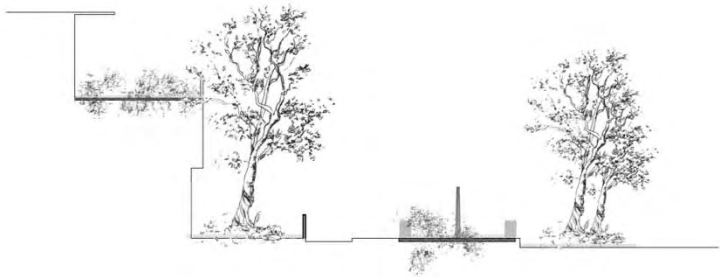
BLOWSOME HOUSE







DURING SUMMER



DURING WINTER

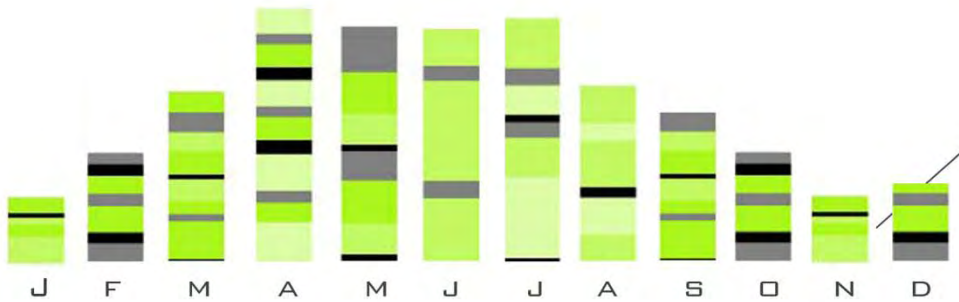
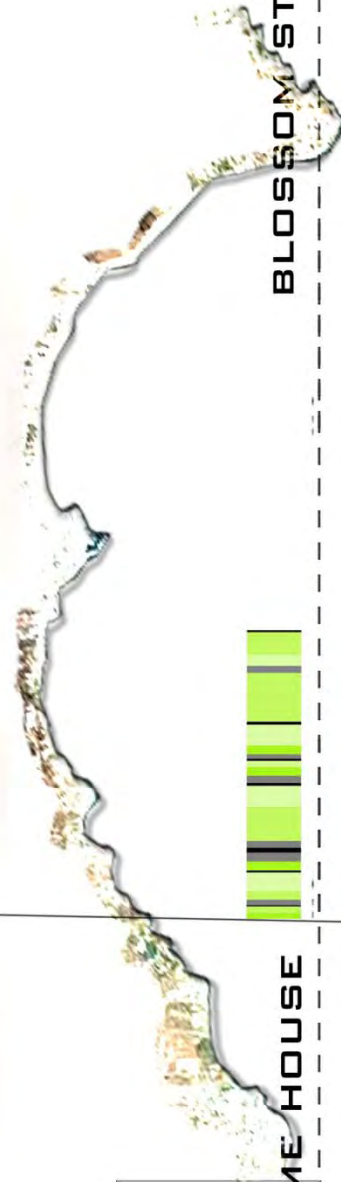


DIAGRAM OF BLOSSOM DURING YEAR



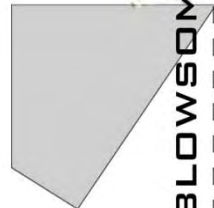
IN AND OUT SKETCH

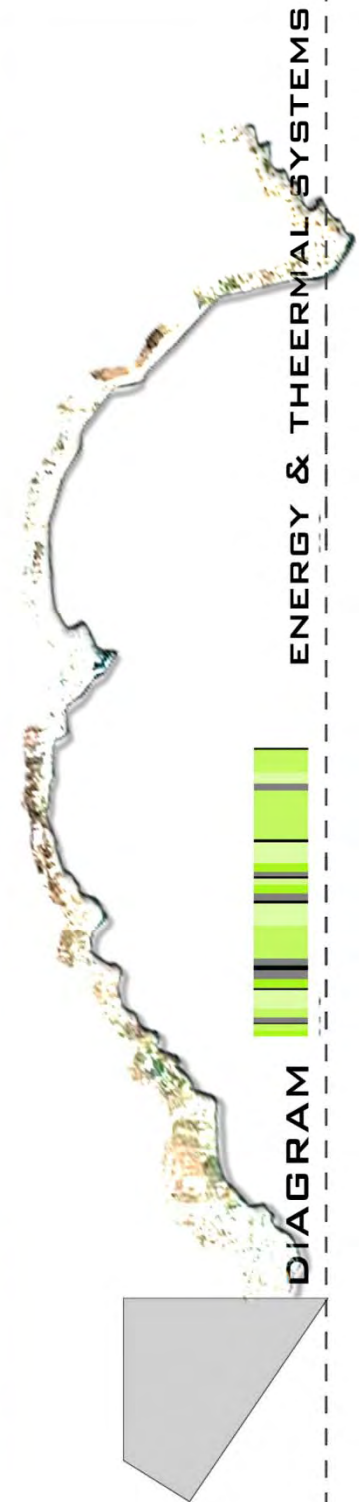
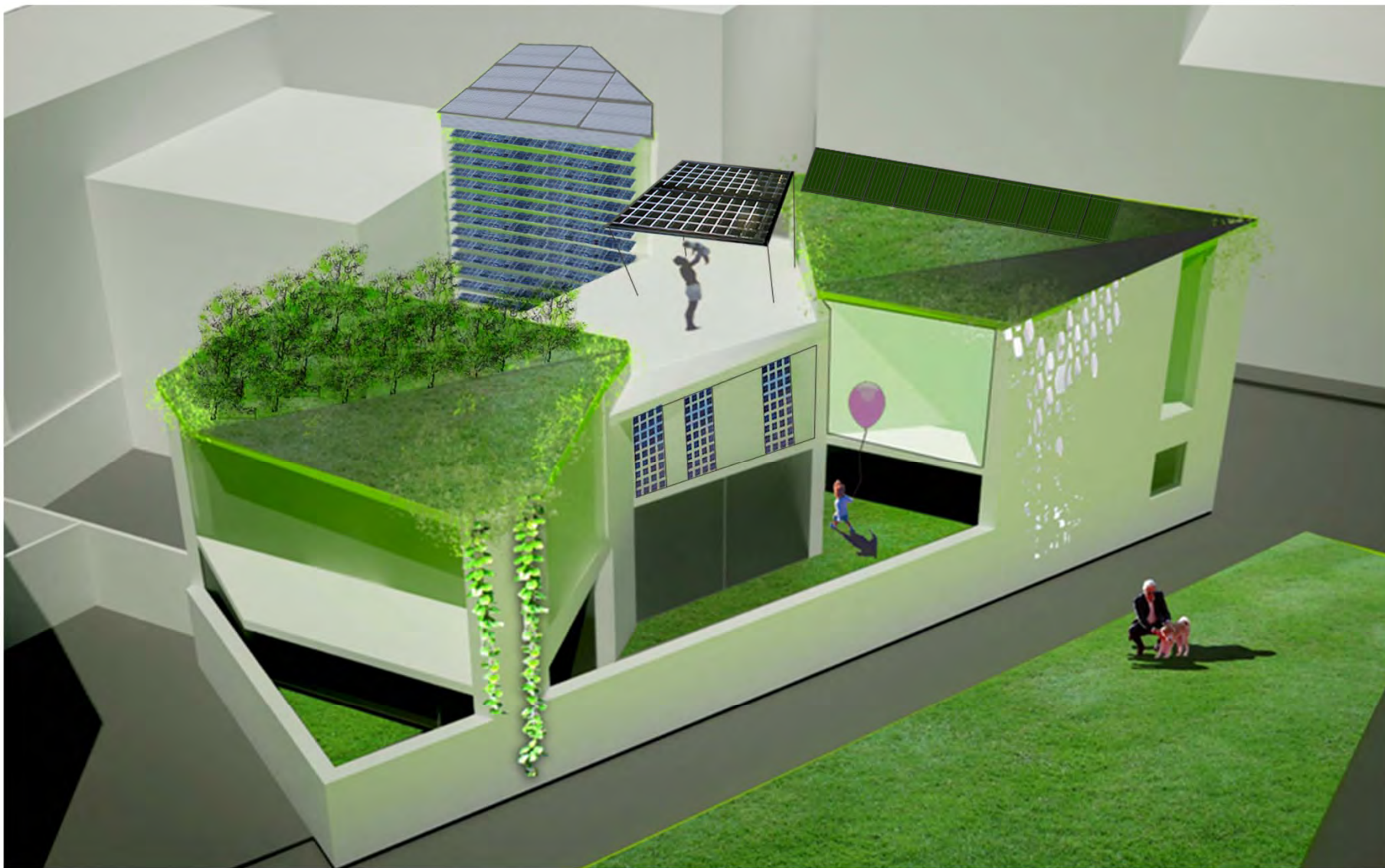


BLOSSOM STUDY



BLOSSOME HOUSE

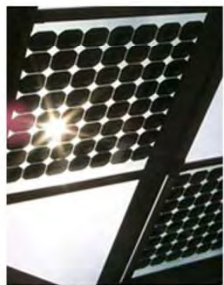




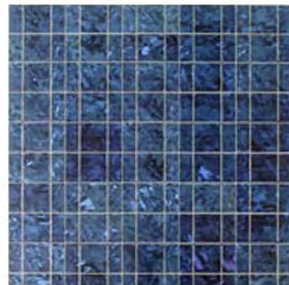
SYSTEMS FOR HEATING



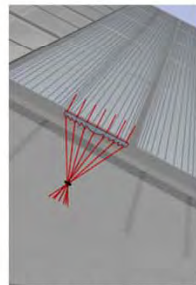
VERTICAL SEMI-TRANSPARENT PHOTOVOLTAICS



HORIZONTAL PHOTOVOLTAIC



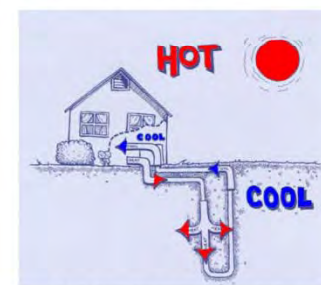
POLYCRYSTALLINE PHOTOVOLTAIC



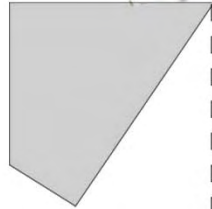
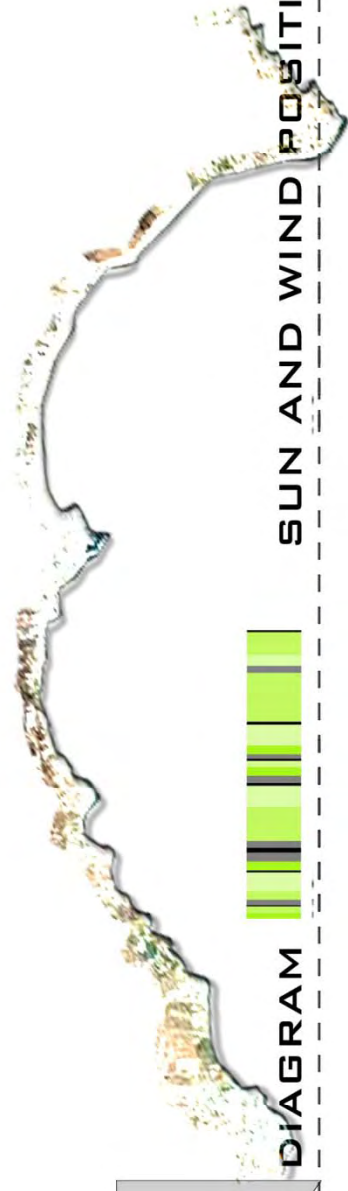
FRESNEL LENS WITH PHOTOVOLTAIC



THERMAL COLLECTOR



GEOTHERMAL SYSTEM

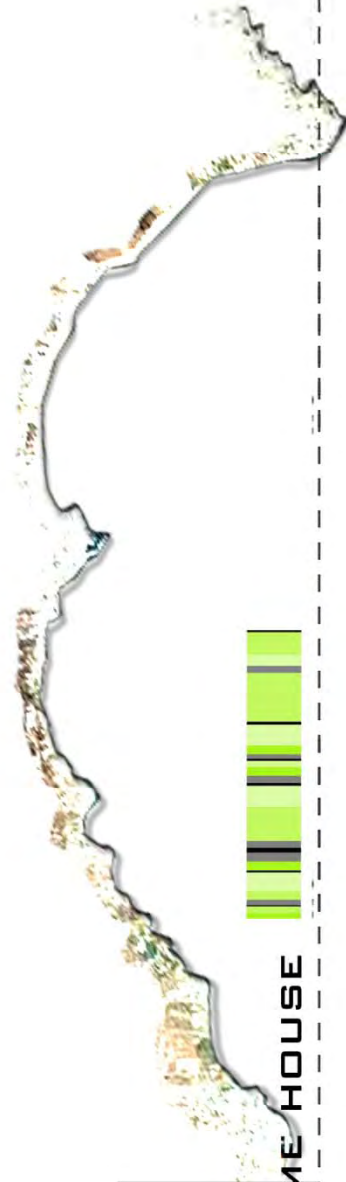


THANK YOU ECOWEEK!



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