



GROUP 9

Lightbuilders

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/// ANALYSIS OF THE AREA



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Walls



Green areas

Economic
conditions of
neighborhood



Transformation
areas



Age of buildings



///OBJECTIVES

1. use light for atmosphere and energy

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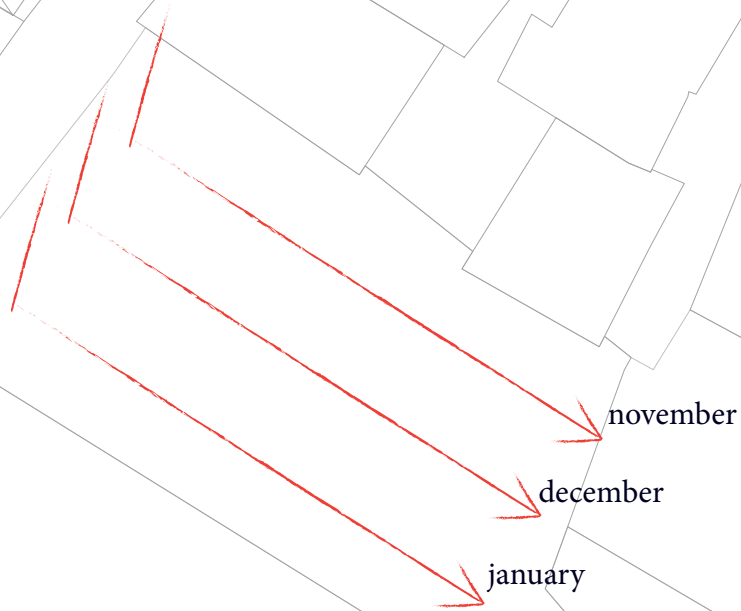
1. use light for atmosphere and energy
2. make different flexible areas

///OBJECTIVES

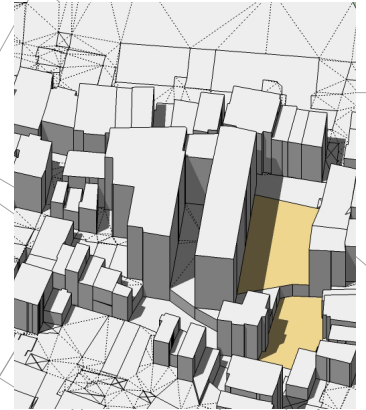
1. use light for atmosphere and energy
2. make different flexible areas
3. find a solution for *gecekondu*

///1.SUN LIGHTS

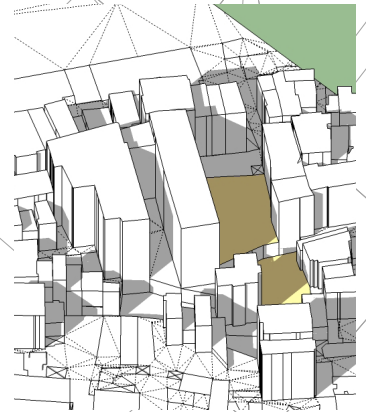
verdar-i erkem cad.



SUMMER SHADOWS



WINTER SHADOWS

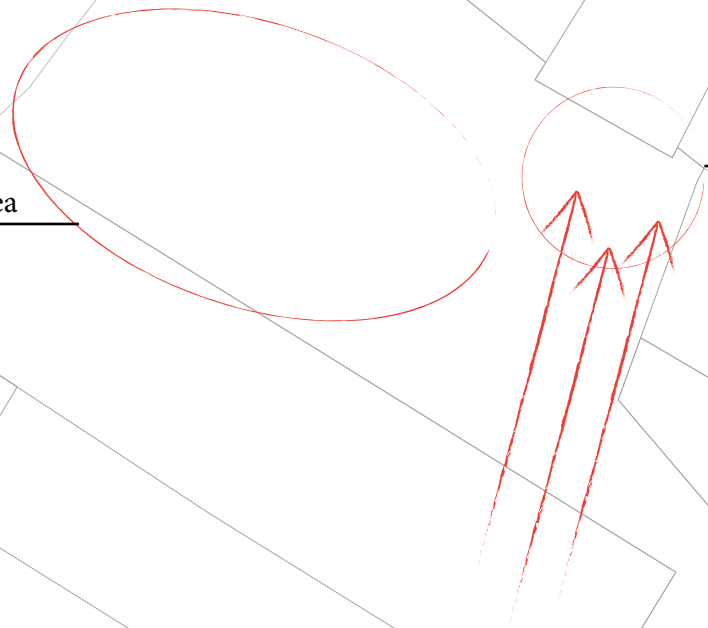


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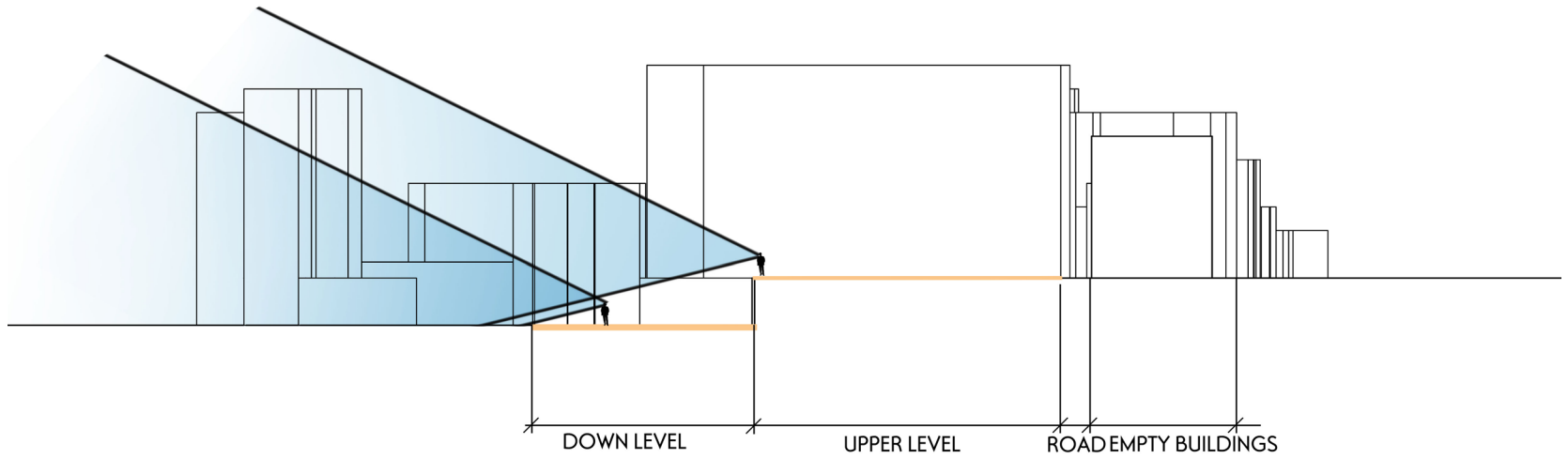
verdar-i erkem cad.

shadowed area

illuminated area



////1.SUN LIGHTS



///SUN LIGHTS



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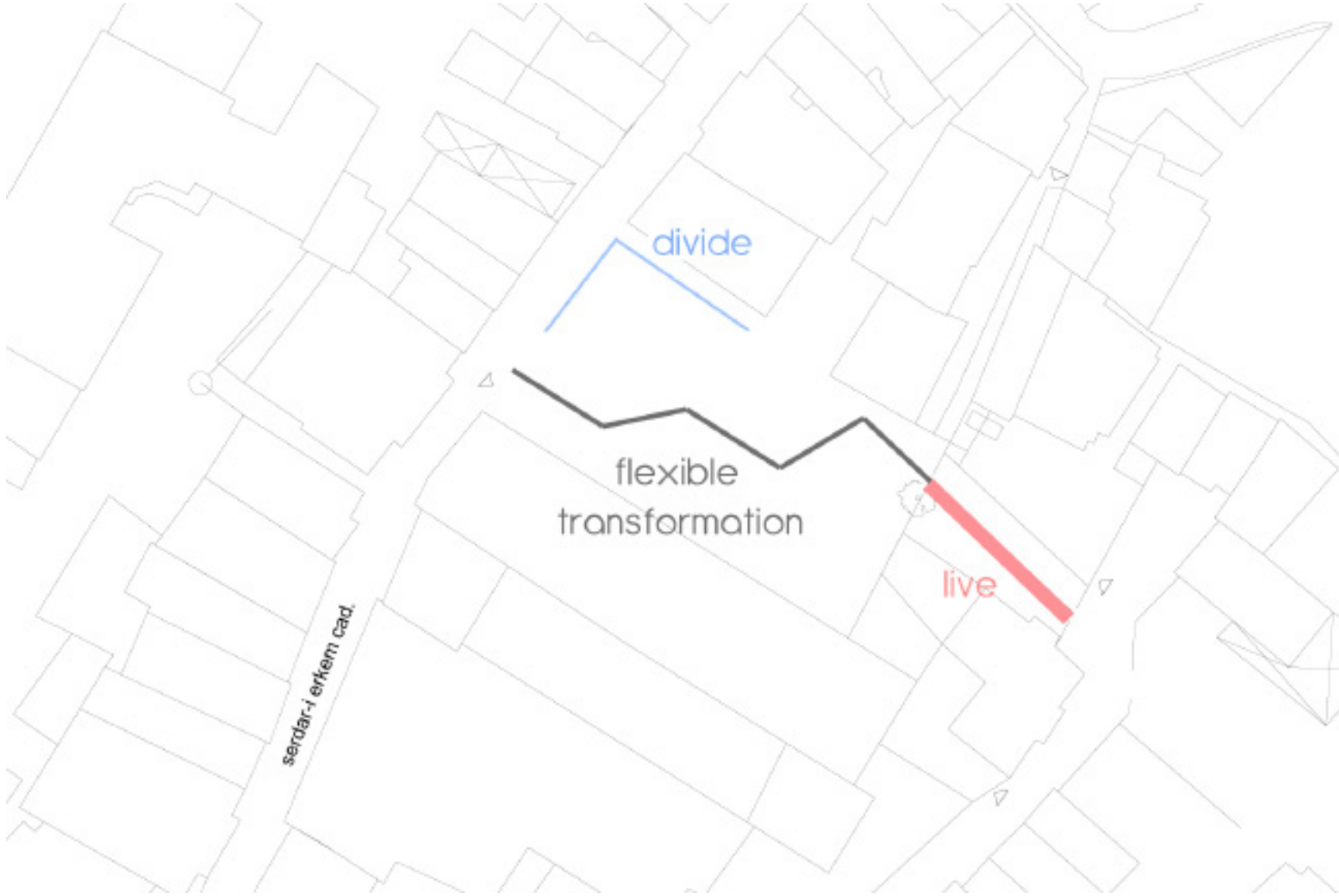
///2.FLEXIBLE AREAS



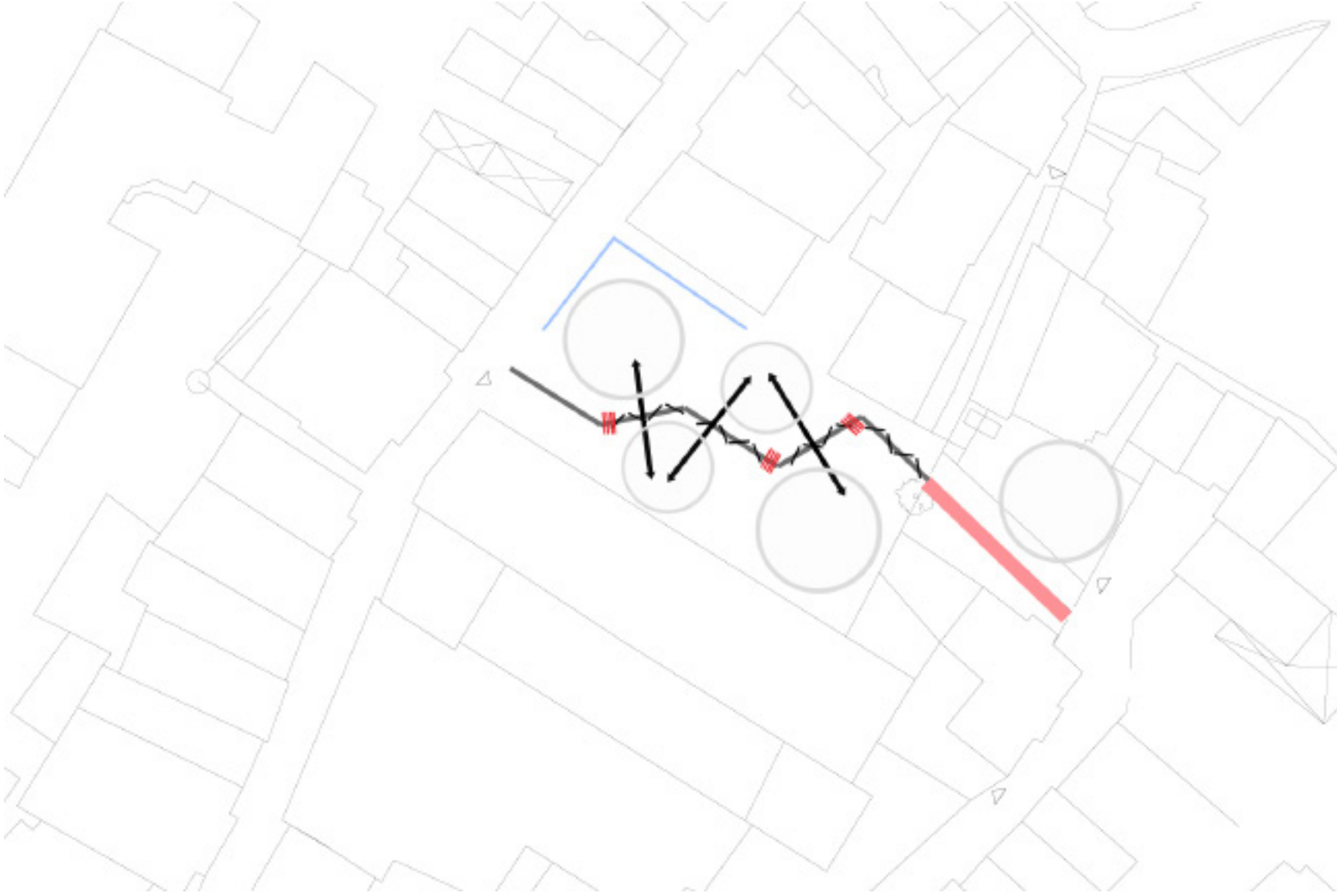
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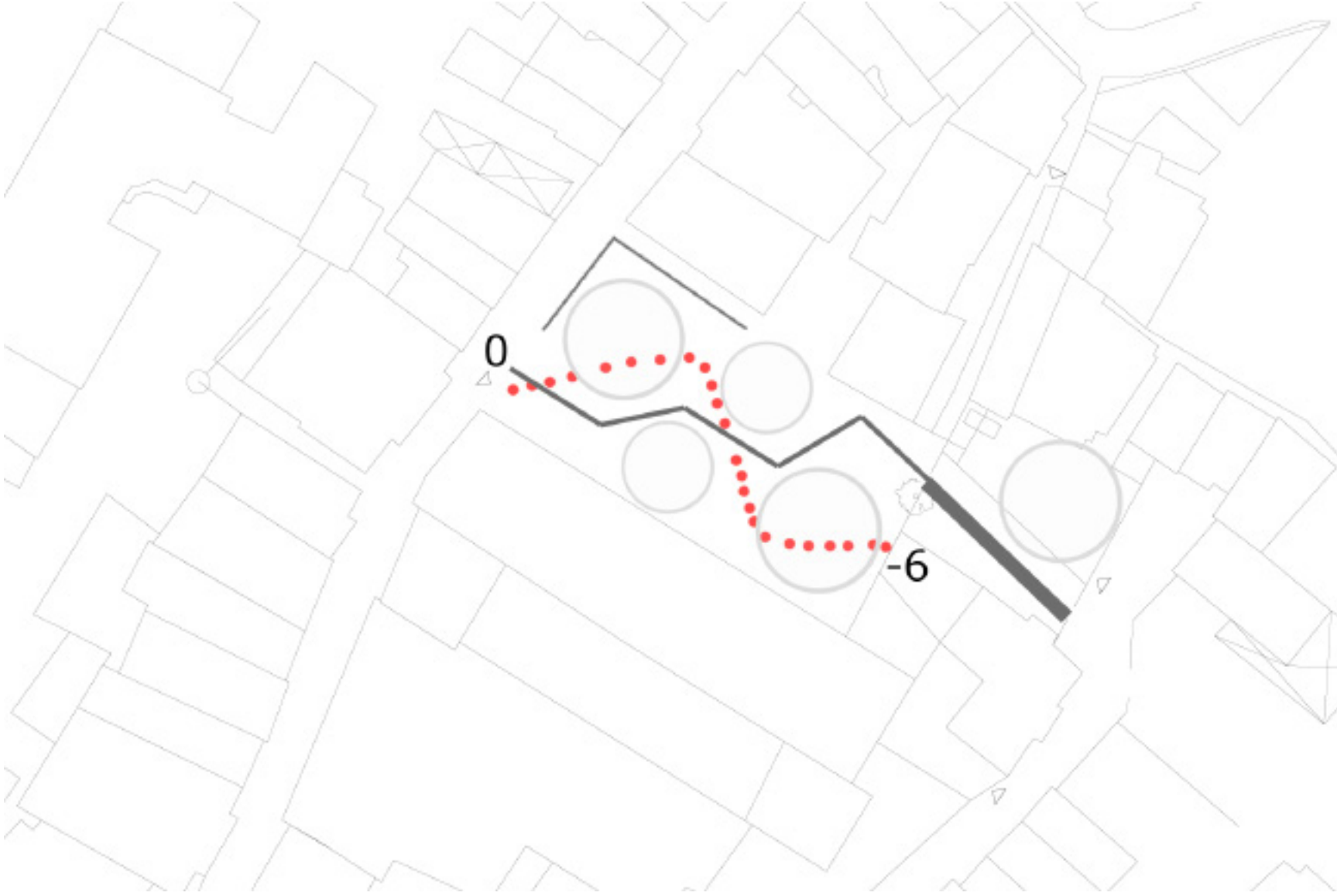
///2.FLEXIBLE AREAS



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///2.NIGHT BUILDERS



///WALLS' DETAILS

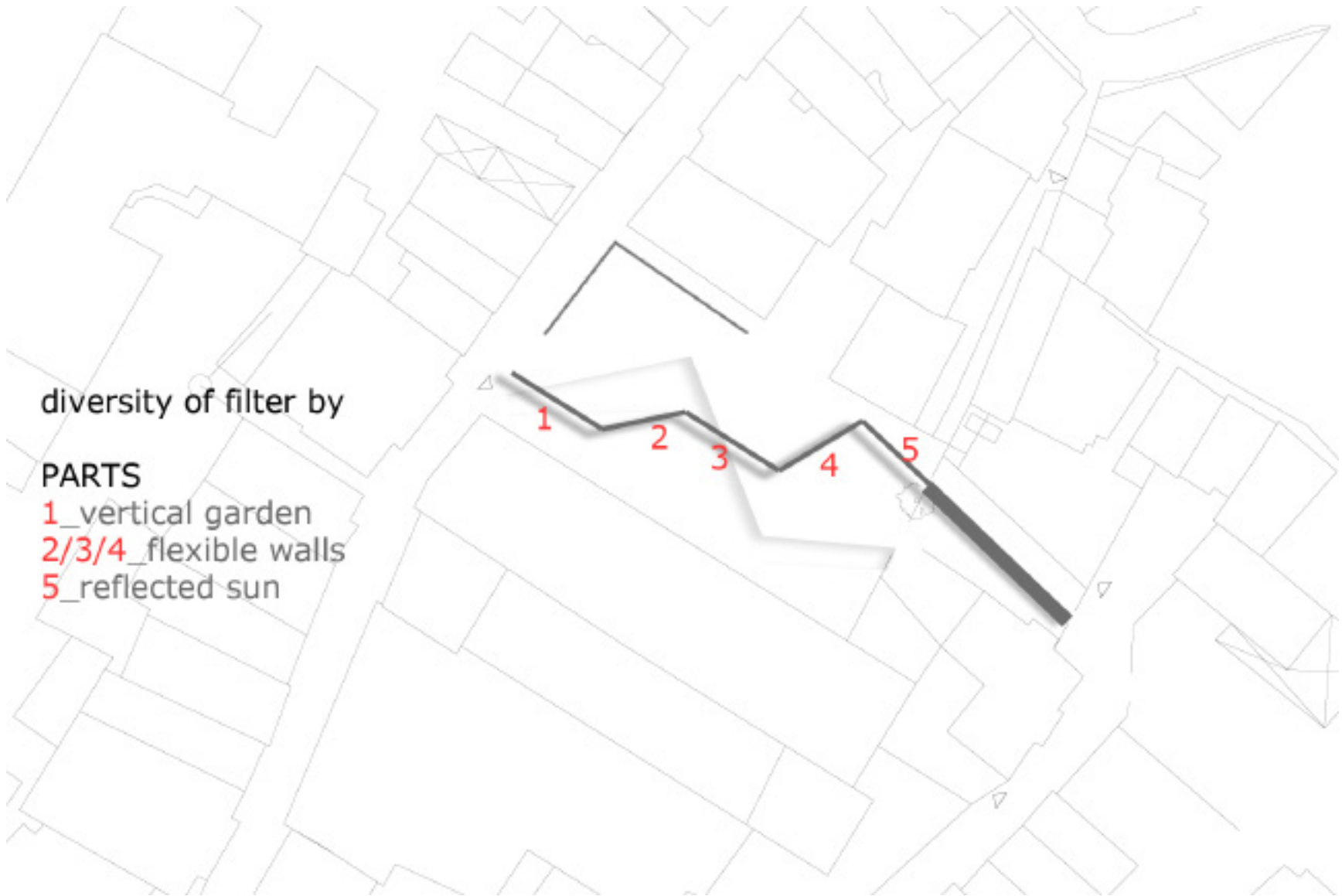
diversity of filter by

PARTS

1_vertical garden

2/3/4_flexible walls

5_reflected sun



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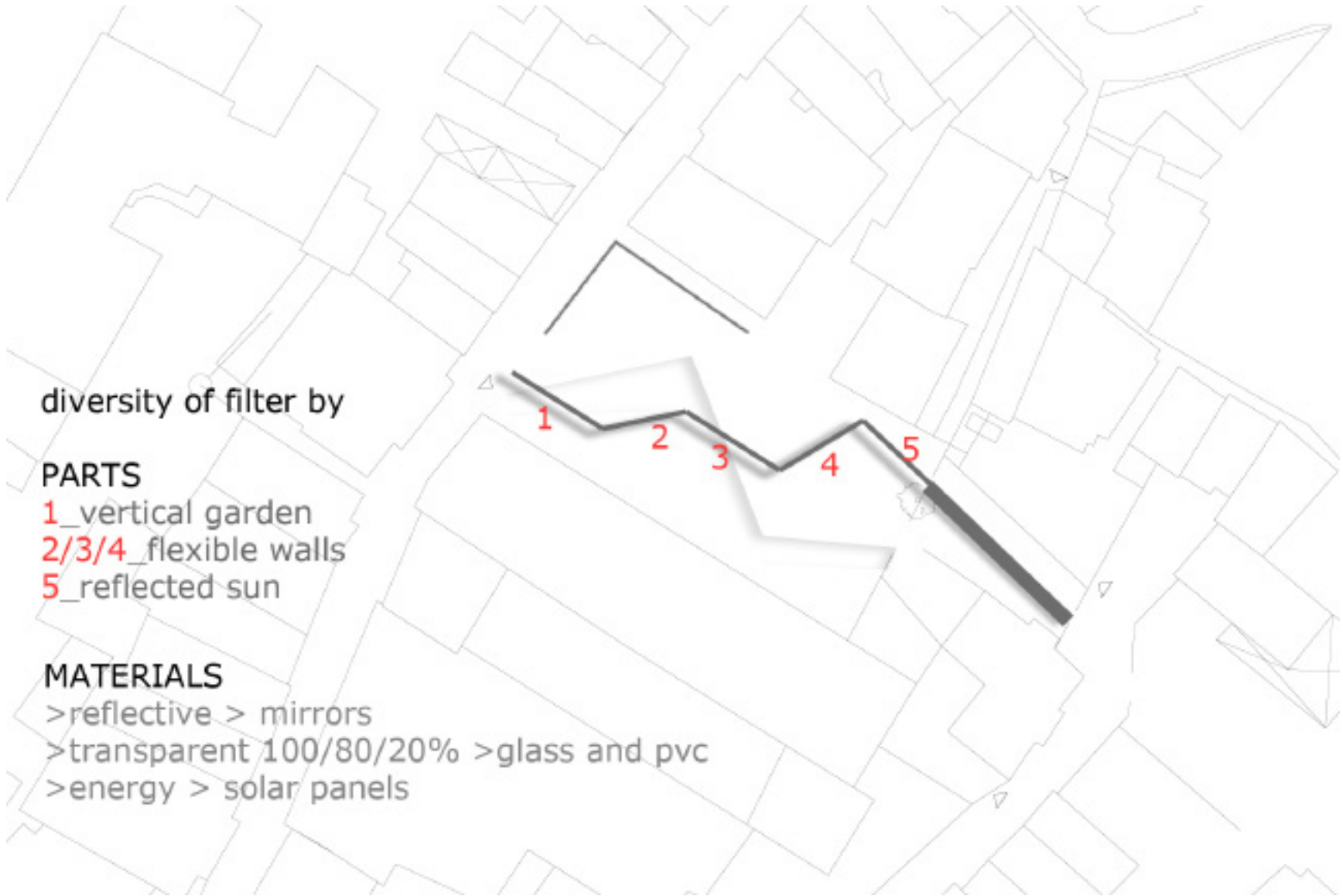
diversity of filter by

PARTS

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MATERIALS

- >reflective > mirrors
- >transparent 100/80/20% >glass and pvc
- >energy > solar panels



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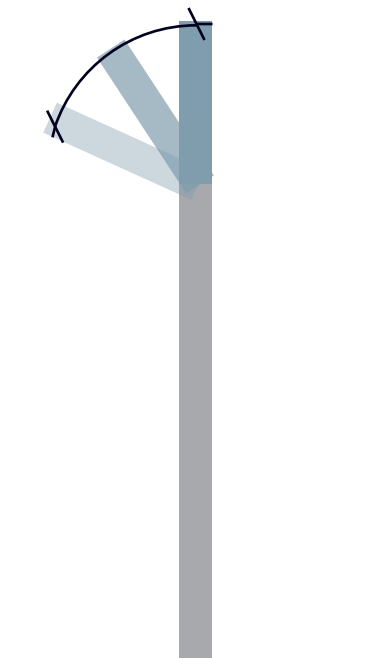
MATERIALS

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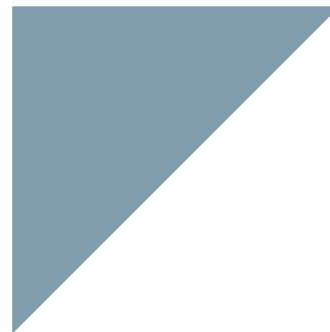
> MODULE MADE OF DIFFERENT MATERIALS



///WALLS' DETAILS



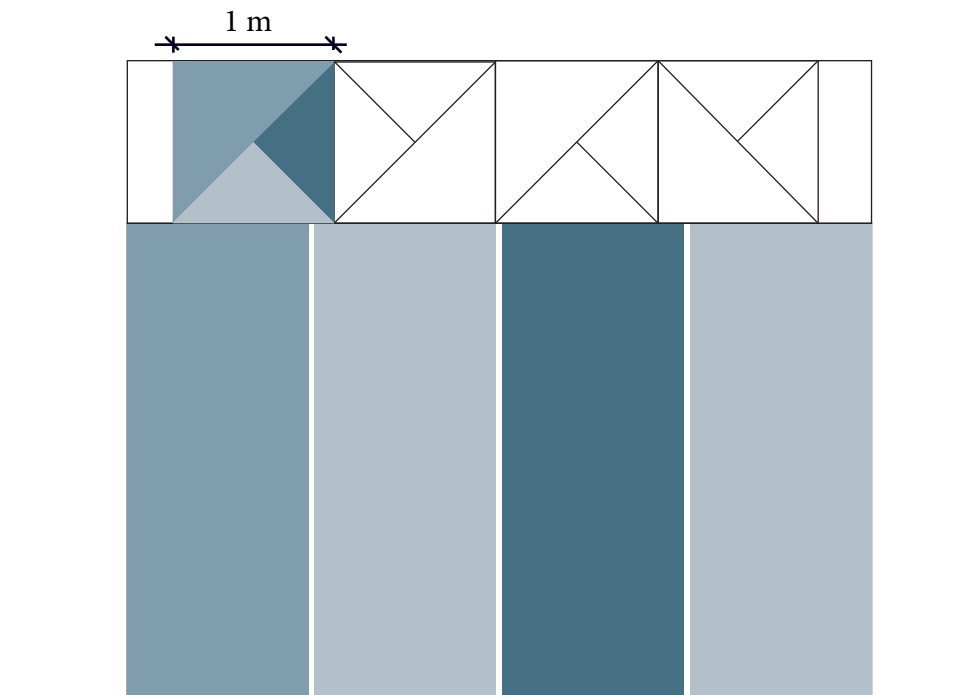
Mirror



Glass 80%



Glass 30%



///VIEW

