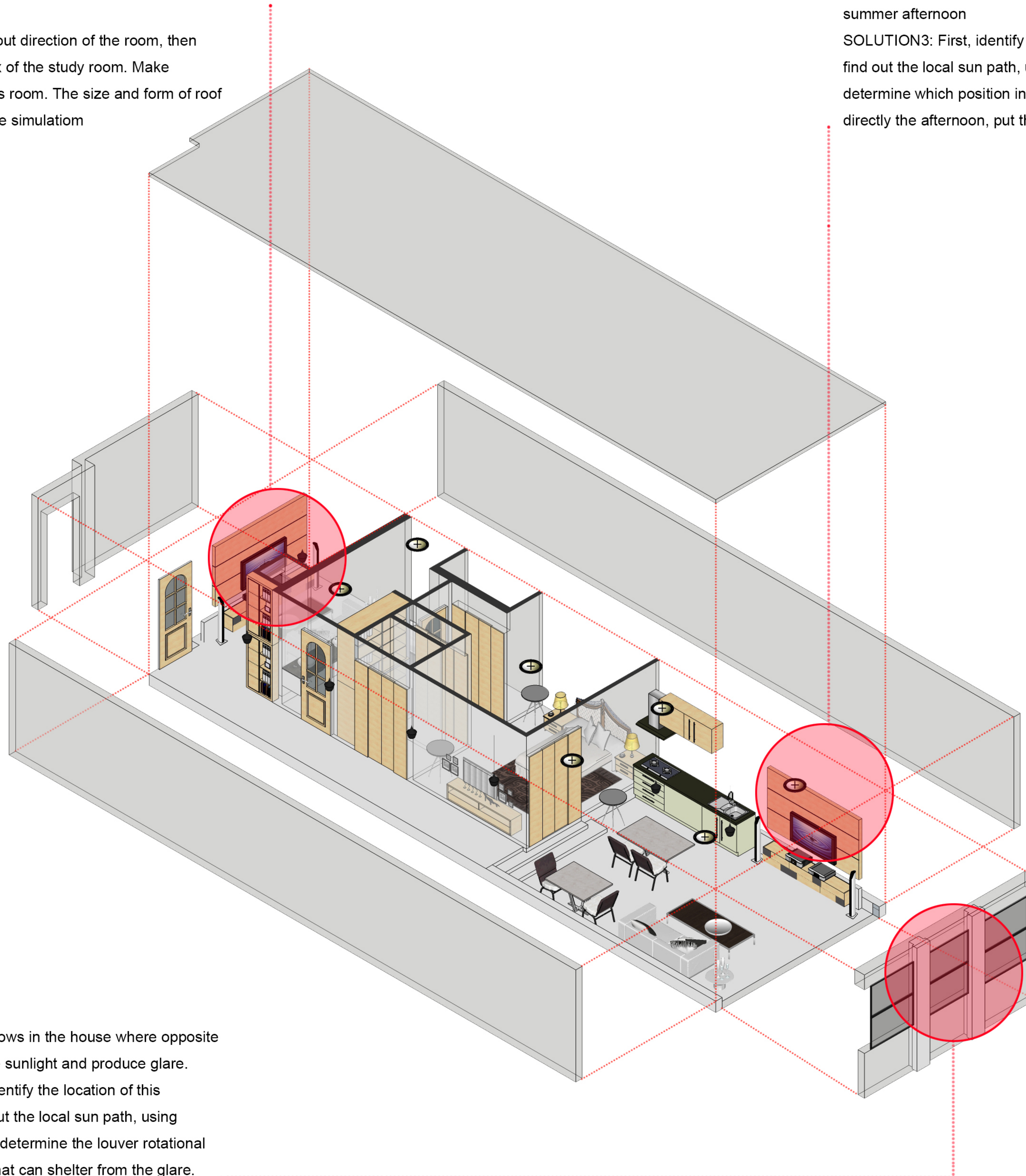


PROBLEM2: The suite is too deep so there is no direct daylight in study room.

SOLUTION2: First find out direction of the room, then calculate the needed lux of the study room. Make skylight in the roof of this room. The size and form of roof light is determined by the simulation

PROBLEM3: The sun may be irradiated onto the TV screen in summer afternoon

SOLUTION3: First, identify the location of this apartment, then find out the local sun path, using simulation software to determine which position in the living room will not be shined directly the afternoon, put the TV there.



PROBLEM 1: The windows in the house where opposite the road will reflect the sunlight and produce glare.

SOLUTION 1: First, identify the location of this apartment, then find out the local sun path, using simulation software to determine the louver rotational angles, install blinds that can shelter from the glare.