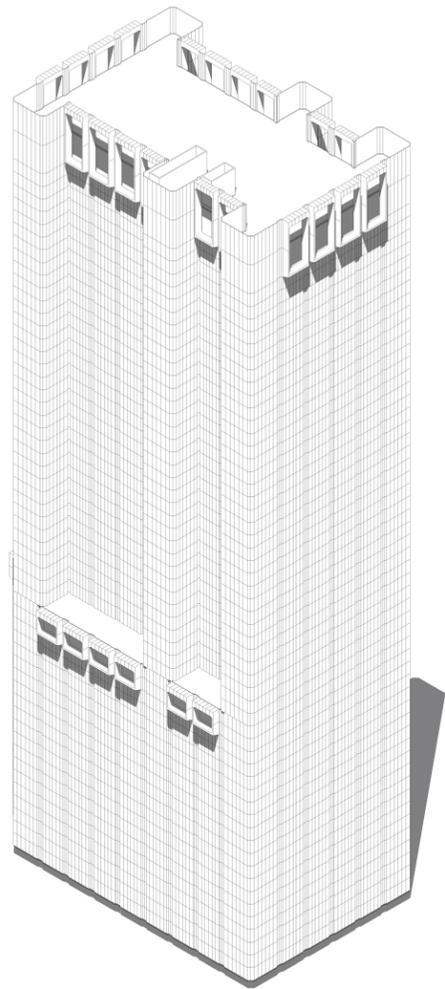
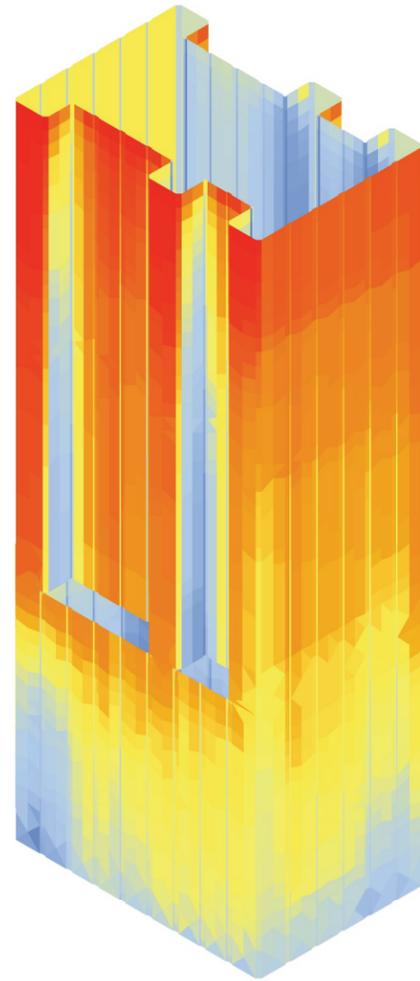


## EXISTING



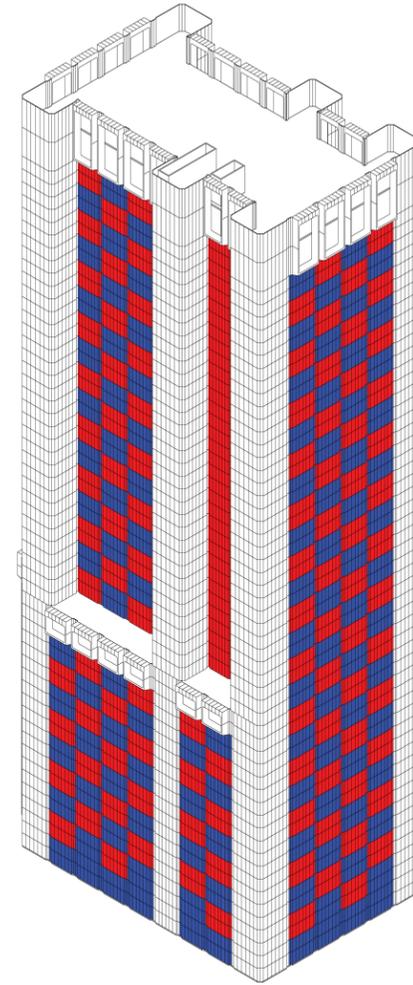
The façade at 33 Thomas Street, formerly known as the AT&T Long Lines Building, reflects the original use of the building. The windowless skyscraper was used for telephone exchange. The façade is made of precast concrete panels clad with granite.

## SOLAR ANALYSIS



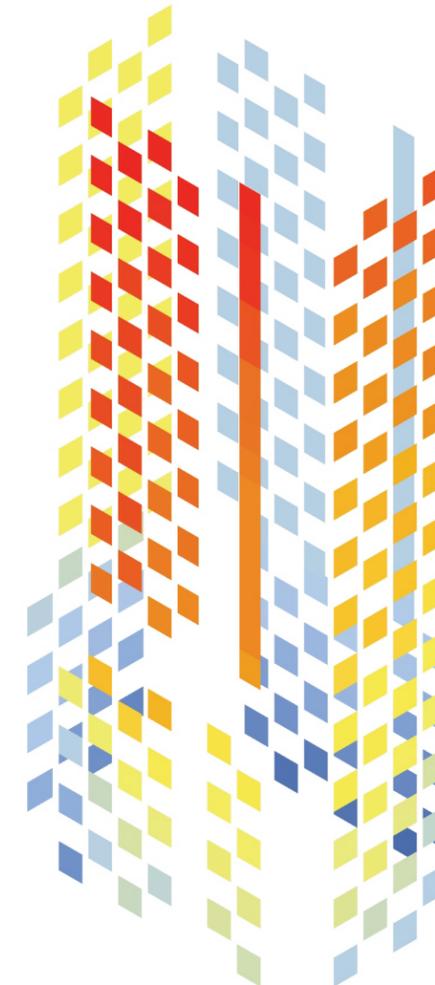
The upper floors of the facade capture most of the sunlight. In this diagram, red represents the most time exposed to the sun. While blue represents the least amount of time exposed to sun.

## PATTERN



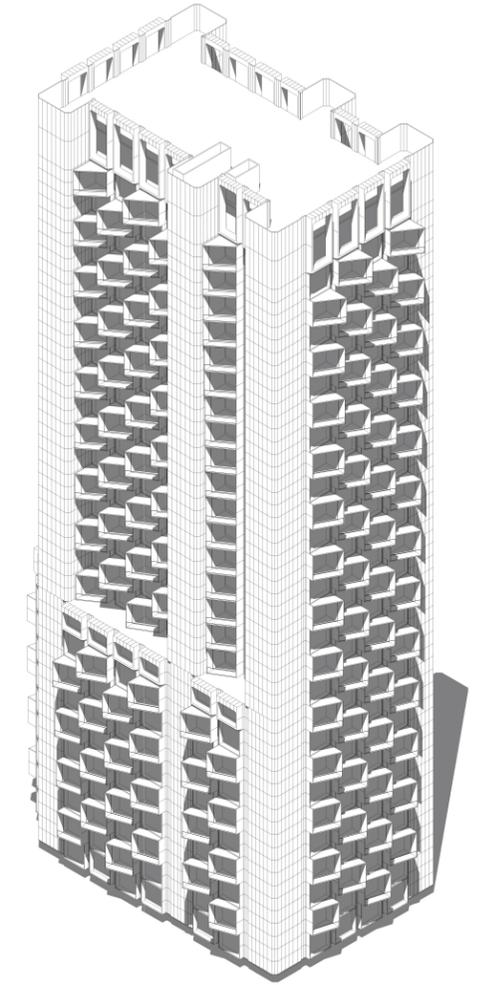
Our proposal is to convert 33 Thomas Street into a residential tower. The facade is divided into an alternating pattern to allow for flexibility in design for residential units. This alternating pattern always allows for a living room and bedroom to be next to one another.

## SOLAR ANALYSIS GRID

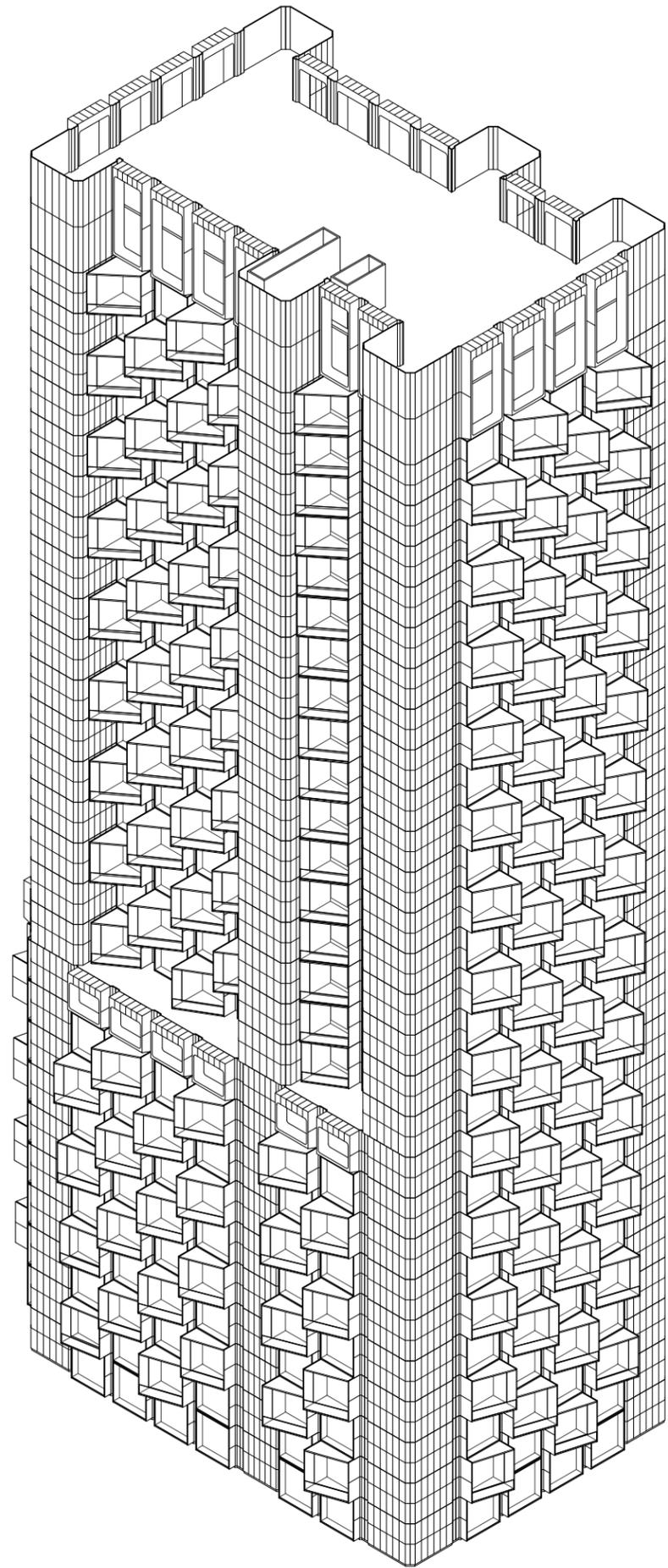


By extracting the living room modules we are able to see how much sunlight each living room captures during the day.

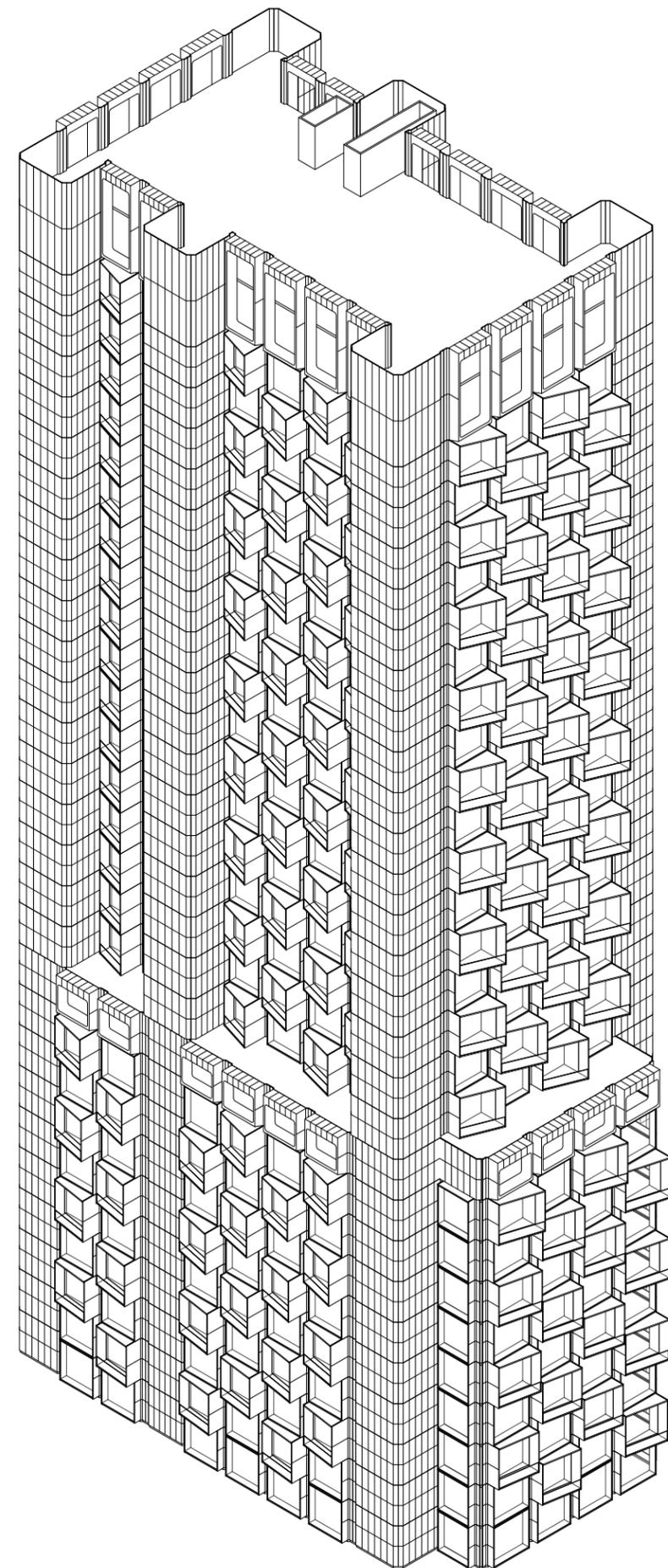
## RESIDENTIAL UNITS



The living rooms of each unit would include a balcony. This balcony is the changing parameter within our design process. The protrusion of the balcony is adjusted according to how much sunlight each space captures.



SOUTH  
FACADE



NORTH  
FACADE

