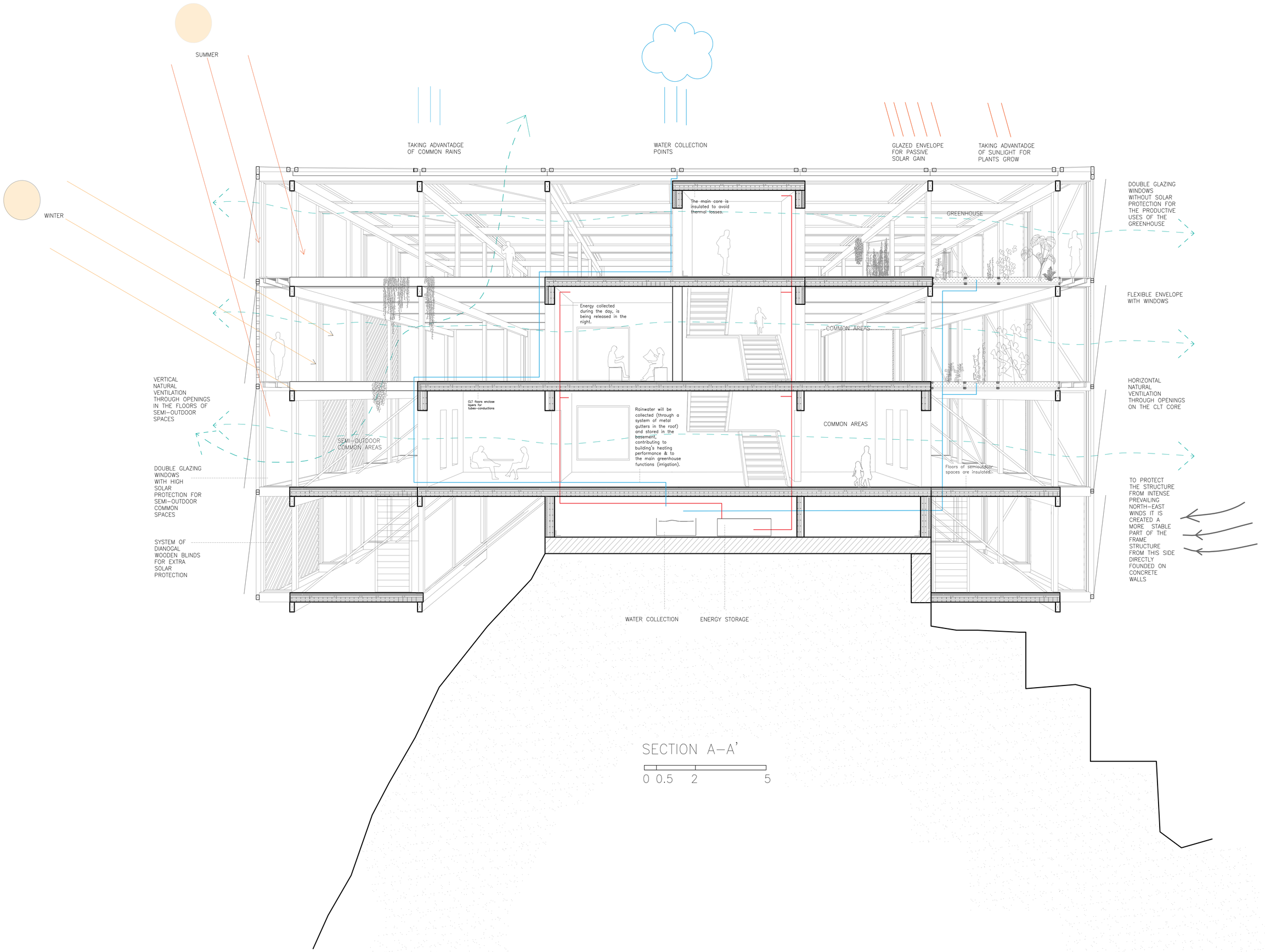
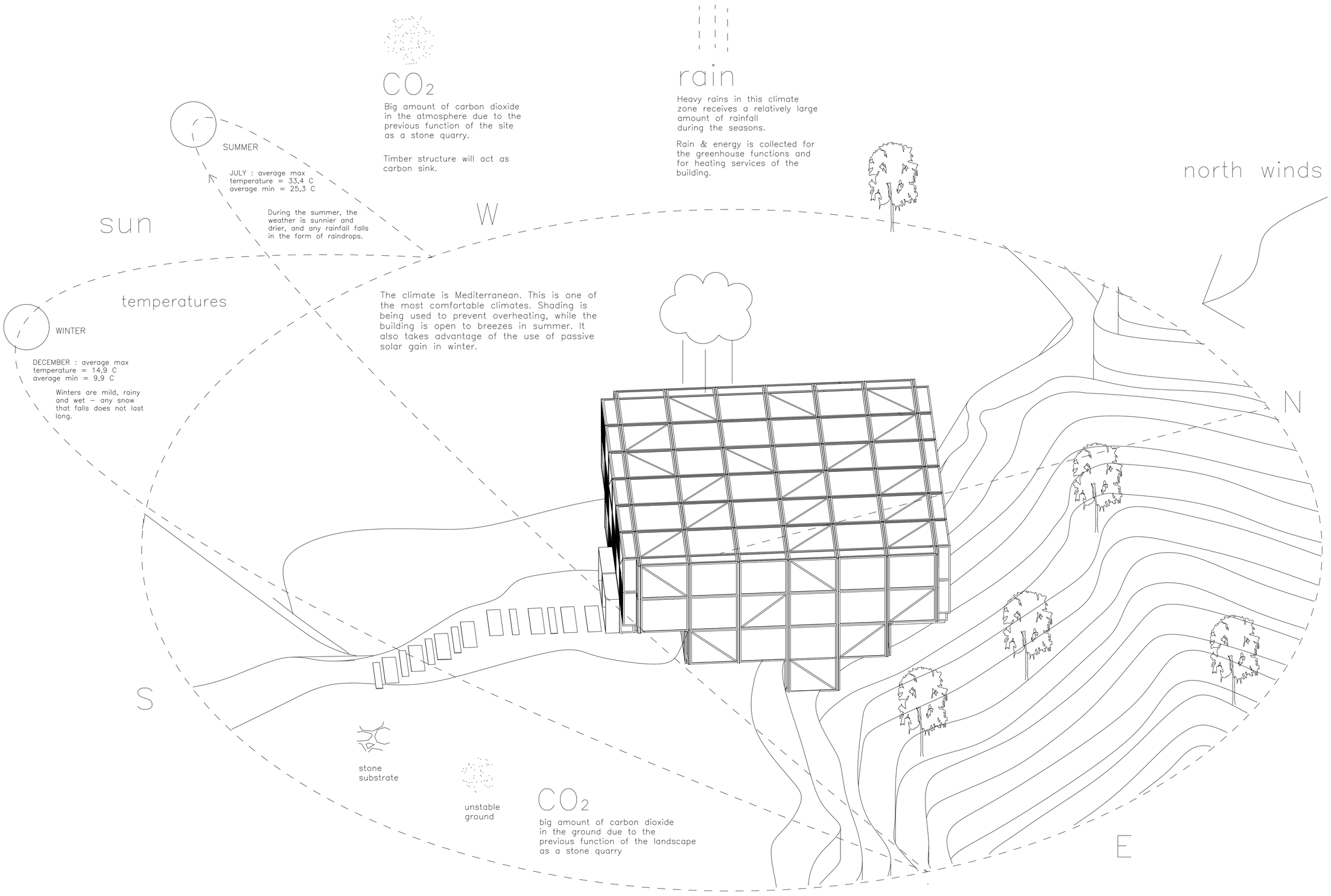


SECTION A–A'

0 0.5 2 5


CO_2
Big amount of carbon dioxide in the atmosphere due to the previous function of the site as a stone quarry.
Timber structure will act as carbon sink.
rain
Heavy rains in this climate zone receives a relatively large amount of rainfall during the seasons.
Rain & energy is collected for the greenhouse functions and for heating services of the building.
north winds
sun
SUMMER
JULY : average max temperature = 33,4 C
average min = 25,3 C
During the summer, the weather is sunnier and drier, and any rainfall falls in the form of raindrops.
W
temperatures
WINTER
DECEMBER : average max temperature = 14,9 C
average min = 9,9 C
Winters are mild, rainy and wet – any snow that falls does not last long.
The climate is Mediterranean. This is one of the most comfortable climates. Shading is being used to prevent overheating, while the building is open to breezes in summer. It also takes advantage of the use of passive solar gain in winter.
N
S
E
stone substrate
unstable ground
CO_2
big amount of carbon dioxide in the ground due to the previous function of the landscape as a stone quarry