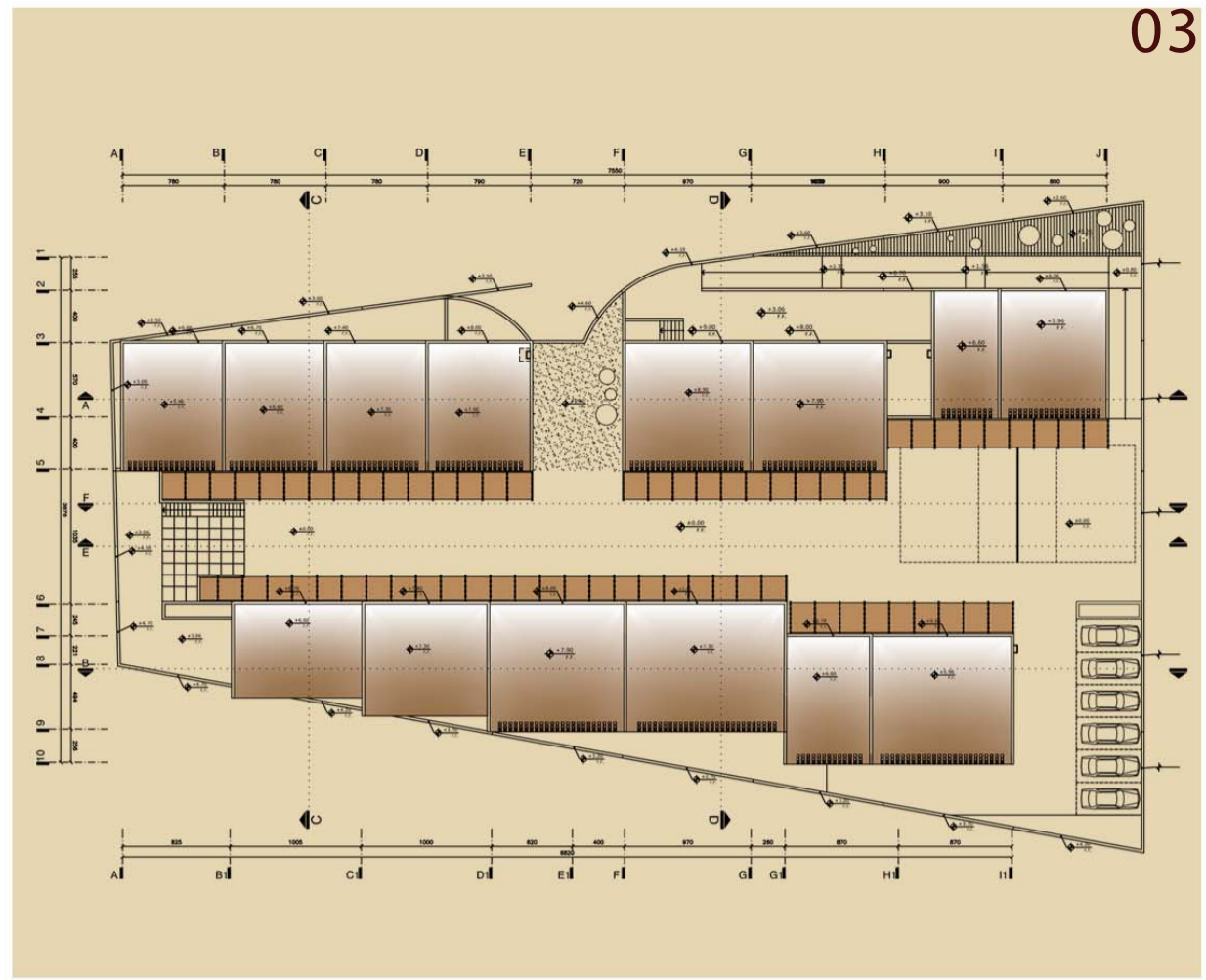
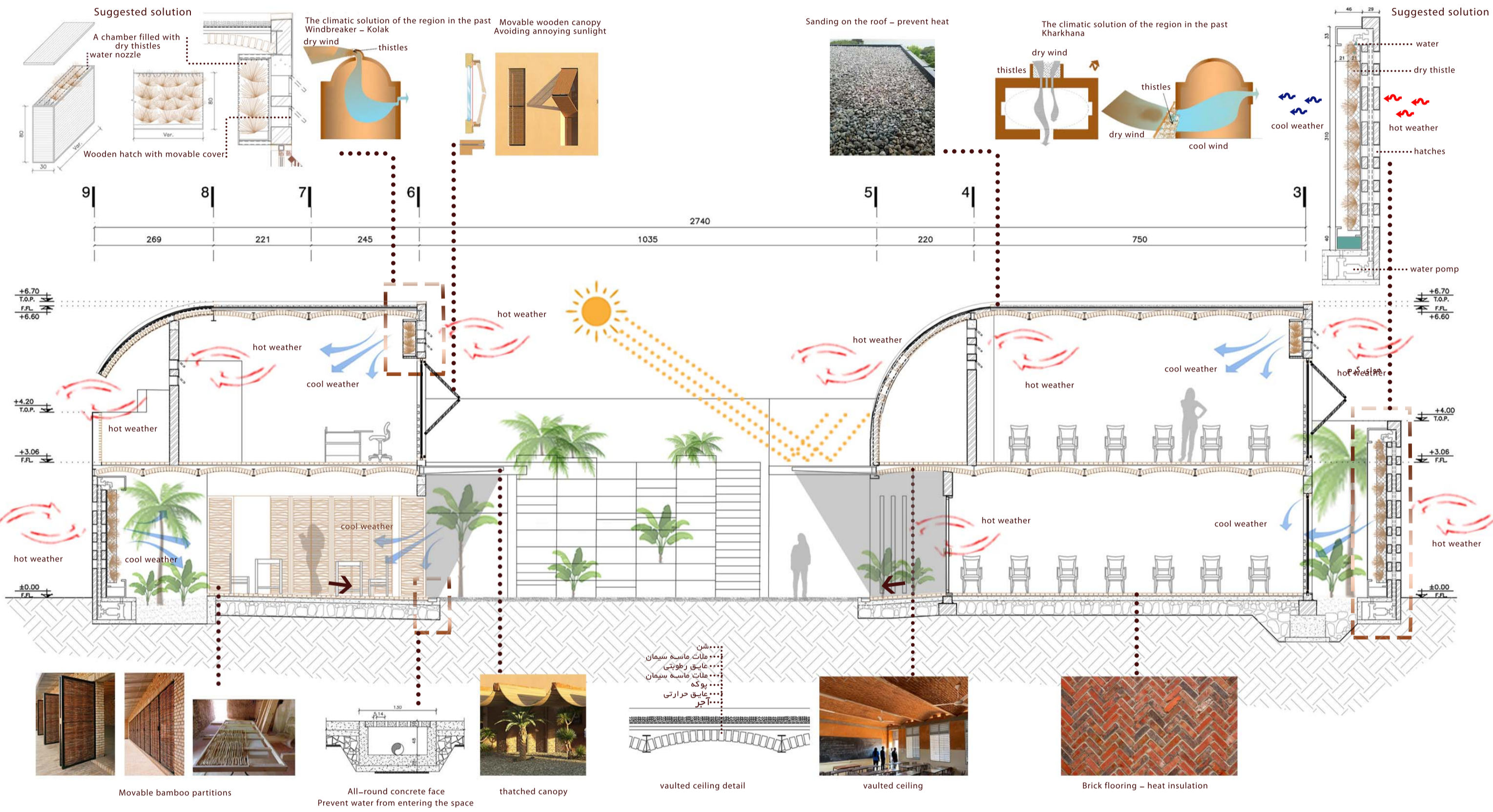




Learning area view

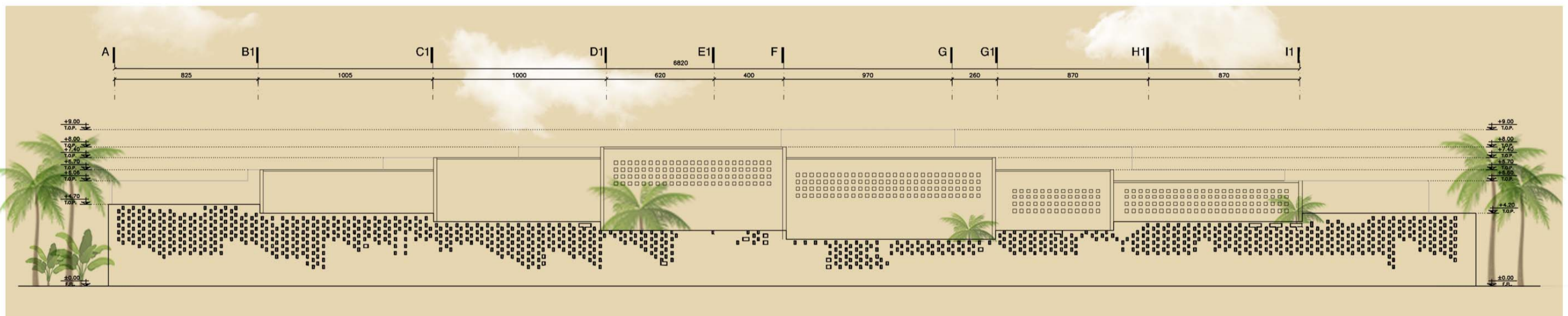


Roof plan | scale 1:400

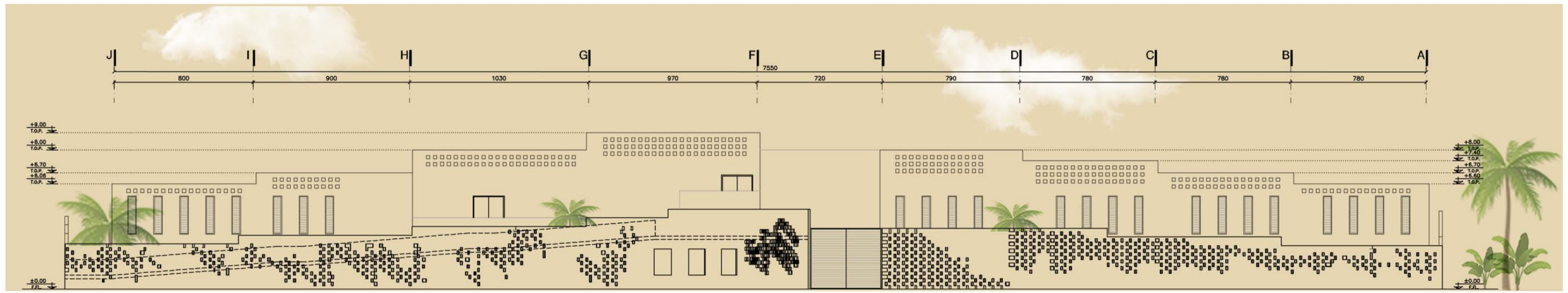


Section C-C | scale 1:200

By examining the ancient climatic design in Sistan, the optimal use of wind energy has been the right answer to many needs of the people of this land. Climatic patterns, which are considered to be indicators of the texture of the region, have two major roles. The first role is to create natural blinds in the interior spaces. This was done by making wind deflectors called Kolk. Door, another architectural element to create blind doors it is an interior space. Each window has μ to μ holes for the passage of wind. These openings direct the wind into the room from the north facing front. Providing the required humidity of indoor spaces is another role of the methods used in the hot days of the year. This possibility, which is provided by the shutters, by placing thorns behind the shutters and keeping them moist, creates a system called a barn. This trick While establishing air circulation in the interior space, it provides the humidity needed to achieve thermal comfort – water cooler function. The prevailing wind in the area is from the north to the south, that's why by creating holes in the north wall of the building (first floor) and the wall of the area, the favorable wind is directed inside (ground floor). are directed inside. Use From the mesh valves on the north front, they direct the air and play a significant role in reducing the ambient temperature in the hot seasons of the year. These valves provide the possibility of adjusting the air in the room well. In this way, while passing light and air, depending on the needs and conditions, by blocking some openings or opening the blocked openings, the air flow can be regulated. There are two ways to create evaporative cooling inside is used : Ground floor: creating a garden pit and a garden pit and planting plants near the wall of the area and the building with drip irrigation – First: creating a box in the roof with spikes and drip irrigation – similar to a water cooler



South elevation | scale 1:300



North elevation | scale 1:300