

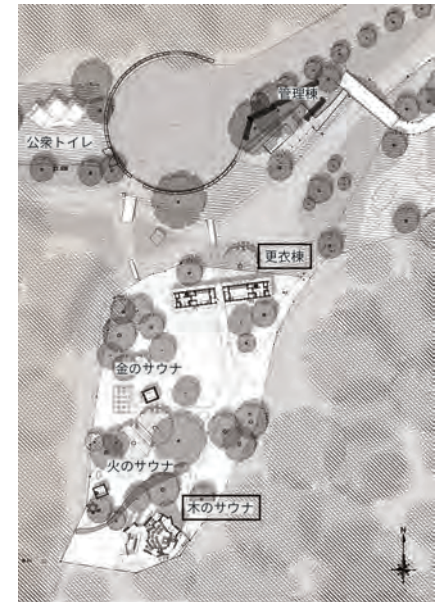
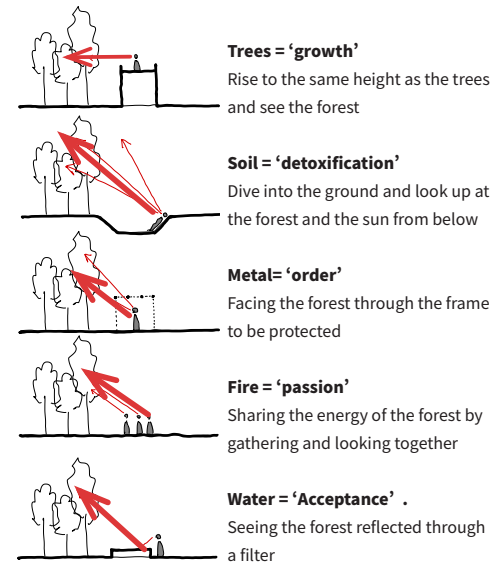
OND SAUNA

wall of detachment



Wall of detachment

In the sauna space, strangers place themselves in close proximity to each other, almost naked. It has been found that there are different types of distance between people, such as close, individual, social and public, and that the degree of intimacy varies depending on the type of distance. From a proximity perspective, saunas should be a fairly intimate community, but public saunas in Japan are not yet at that stage. However, if a space can be created that fits well with their unique proximity and the Japanese mentality, a new community space may be born. We want to create a social space (sociopetal) that is not intrusive or too intimate, but where people can experience the same space and have a shared awareness. We sought a solution to this kind of detached relationship by means of a 'wall of detachment'. The verticality of the wall resonates with the forest, and its gaps draw the forest closer, while its discrete arrangement regulates the closeness of the neighbourhood. Trying this in the PARK-PFI project, which is a project using public land, is also a way of thinking about new publics.



配置図 1/1200

1. How to face the forest

The site is ONDPARK in Takeo City, Saga Prefecture, which will have its grand opening this summer as a new playground that 'raises the temperature with the blessings of Takeo'. The planned site is a flat area of open space in the middle of a forest, surrounded by forest on all sides. The project will include the construction of five saunas, each representing one of the five elements of the yin-yang cycle. Each sauna is intended to be characterised by its architectural form, which differs from the way it is oriented towards the forest. The first stage of the project is the construction of a wooden sauna building and changing rooms.

Trees have no lifespan and go up endlessly. The image of 'growth' is expressed by the rows of exterior walls with an emphasis on verticality. The shape of the exterior is directly related to the path that spirals up around the sauna room and leads to the rooftop outdoor air-bath space. The entrance to the sauna room is GL+250, the deck with the water bath GL+1000 and the rooftop GL+3250, so that the line of flow from sauna to water bath to outdoor air bath becomes an up-and-down movement as it is. By looking at the forest at the same height as the trees, rather than looking up at the trees, it is hoped that the rhythm of the forest's growth can be shared.



2. openness of small spaces

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[illegible]

Plan 1/80

You can get several different views of the forest from every location.

Line of sight from the rooftop to the forest

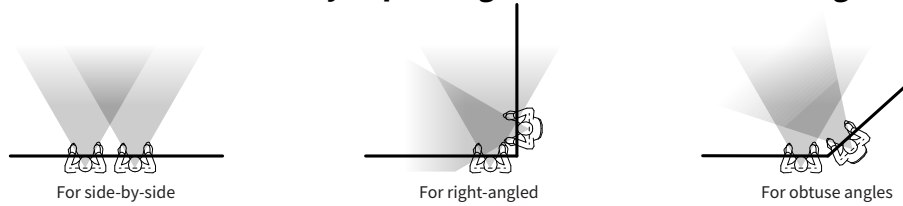
Facing the forest through a gap in the wall while being moderately enclosed

The diagram shows a building layout with a central courtyard and surrounding rooms. The building is composed of several interconnected rectangular and polygonal shapes. The central courtyard is a small, irregularly shaped area with a central point. The surrounding rooms are of various sizes and shapes, some with internal divisions. The building is surrounded by a dense forest of trees, represented by stylized outlines. Yellow lines radiate from the central courtyard area, indicating the line of sight from the rooftop to the forest. The text 'Line of sight from the rooftop to the forest' is written above the diagram, and 'Facing the forest through a gap in the wall while being moderately enclosed' is written below it.

Gaze through diagram 1/200

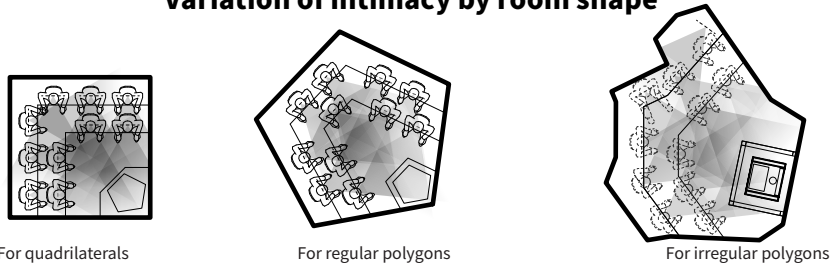
3. changes in communication density according to seating position

Variation in intimacy depending on the direction of sitting



The gradient area in the diagram above is the effective field of view, and the overlapping dark-coloured area is the area that is shared and eroded with others. It has been observed that people talk twice as much over the neighbouring corner at a 90° angle as they do when sitting side by side. The darker part of the gradient is considerably closer to the person at this time, indicating that it is particularly effective in intimate relationships. In the present project, strangers are

Variation of intimacy by room shape



next to each other, so we would like to adjust the interference a little more. Therefore, instead of right-angled benches, blunt-angled benches were adopted to create a moderate amount of conversation, while still maintaining a private space. In the case of squares and regular polygons, the overlapping part of the field of view is concentrated in the centre. By using irregular polygons, overlapping fields of view can occur in several places, creating the possibility of different conversations in each place. The overall arrangement is to surround the fire, although each of them faces in a different direction. Gathering around the fundamental human activity of handling fire is a shared experience of this space.



A sociopetal structure

The irregular flat plan was adopted to adjust for the sight lines/spread and intimacy, which was rationally solved by the floorboards made of CLT. The elimination of beams eliminates non-perpendicular joints in the structure and contributes to labour-saving on-site work. The rational walls of the conventional construction scale module are discretely assembled and connected by CLT slabs. This structural form itself, which is discrete, may also be described as a sociopetal structure.

