

Mahilako ghar, hamro ghar महिला घर, हाम्रो घर

The project as a whole mixes comfort and respect for the environment in order to best welcome not only the teenagers from the program but also people from the surrounding communities.

The entrance opens to a pleasant amphitheater that will allow women of the Girls Empowerment Project, as well as all the people from the communities around, to attend different programs.

The bamboo structure is designed to hold a movie screen for projections, addressing all generations. The building offers exterior and interior areas where the teenage girls can practice martial art classes. Cloakrooms and a kitchen have been added to the original program for greater convenience. The guest rooms are located in a separate building, independent from the rest of the center, to ensure a higher level of security. An exterior passageway links all the structures together adding homogeneity and practicality to the whole.

The large hall can be completely adapted depending on the activity.

The building has been designed considering the practicality of each space as well as the respect of the local environment. To do so, all materials used (rammed earth, bamboo, thatch) are locally sourced, aiming to boost the local economy and enhance the traditional techniques. The strong focus on ecology is also shown by the implementation of a phyto-filtration system to filter the waste water. Moreover, the risk-prone condition of the area, earthquake and monsoon flooding, is mitigated by the use of a seism-resistant structure and foundations and elevating the floor.

This way, the structure can become a safe haven for the surrounding inhabitants in times of natural disaster.



amphitheatre



training halls



passageway



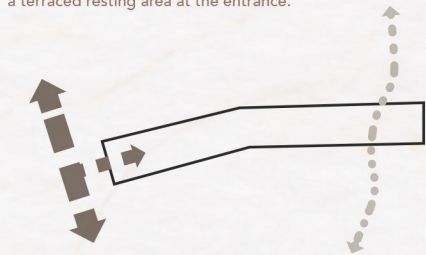
outdoor sport



design principles

LANDSCAPE AND SURROUNDING

ADAPTING TO THE TERRAIN
The terrain is uneven, being an elevation difference of about 2m. There are also some trees in the plot, which we maintain. We benefit from the existing landscape and adapt our building including a terraced resting area at the entrance.



NEIGHBOURHOOD CONNECTIVITY
The entrance to the plot is directly linked to a motorized road, being this our main entrance.
We have maintained the access on the back of the plot, as a pedestrian way crosses the area. This way the new building naturally integrates into the neighbourhood.



GENDER PERSPECTIVE

- PRIVACY**
Public and private areas are differentiated to provide a safe space for girls and women. The semi-opaque facade provides a certain level of privacy from the exterior.
- SECURITY**
The centre is designed without interior visual barriers, so that there are passive observers. From the entrance we have several filters to control the entrance.
- HYGENE**
The washrooms and changing rooms provide a clean and safe space for girls and women. The private rooms and kitchen are near to more private washroom facilities for higher confort.

MATERIAL SELECTION

- NATURAL**
The proposed materials, the rammed earth and the bamboo, are an environmentally friendly construction material, that not only is easy to build with, but it also provides a high level of confort.
- LOCAL**
The materials are locally available, and the construction techniques are part of the traditional knowledge of the communities in the area.
- ECONOMIC**
The earth is a very cost efficient material, as it is found on the plot and can be handled by any person. The bamboo is also a cheap material that can be easily transported, treated and handled.

