

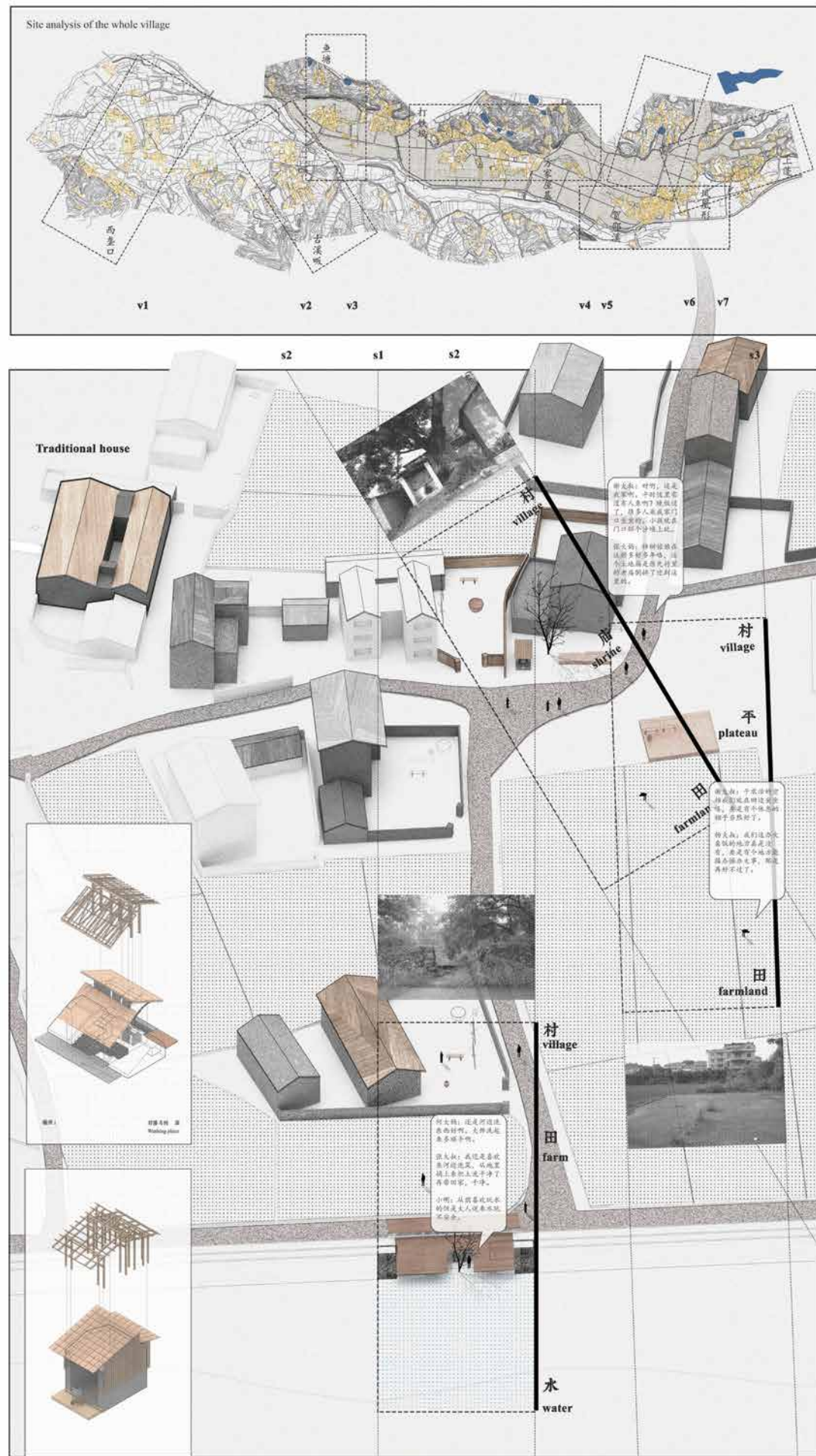
BAMBOO PAVILION

山水田村

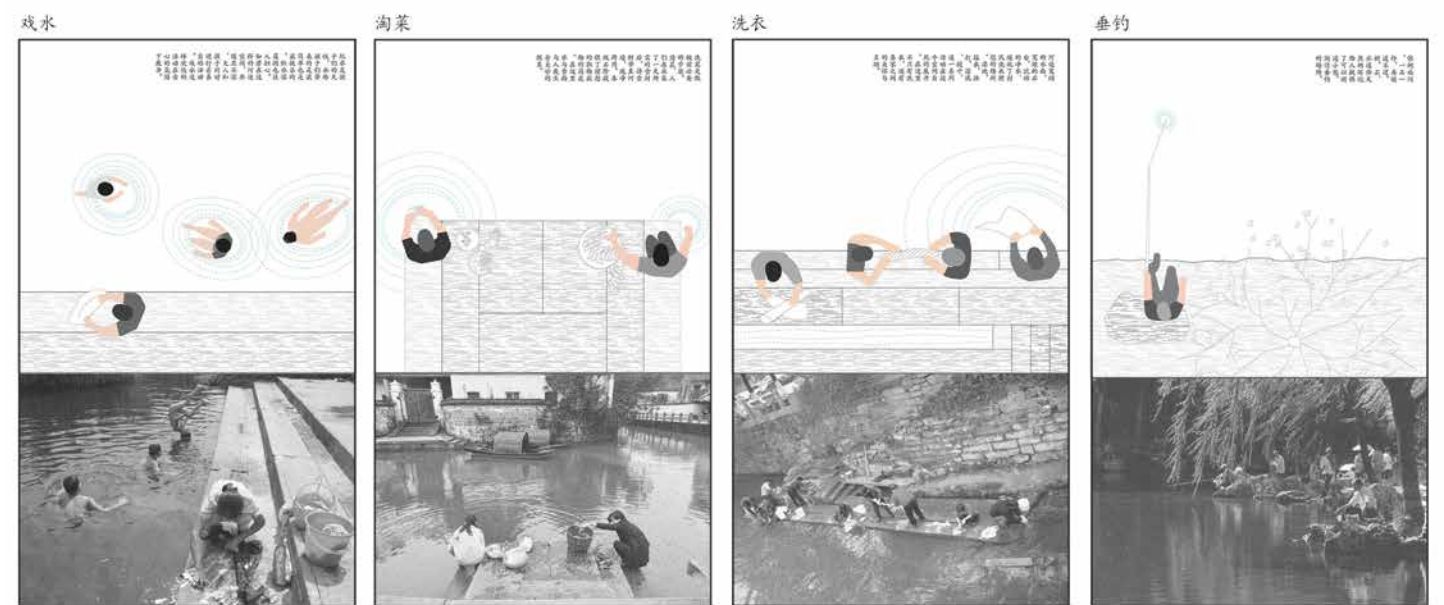
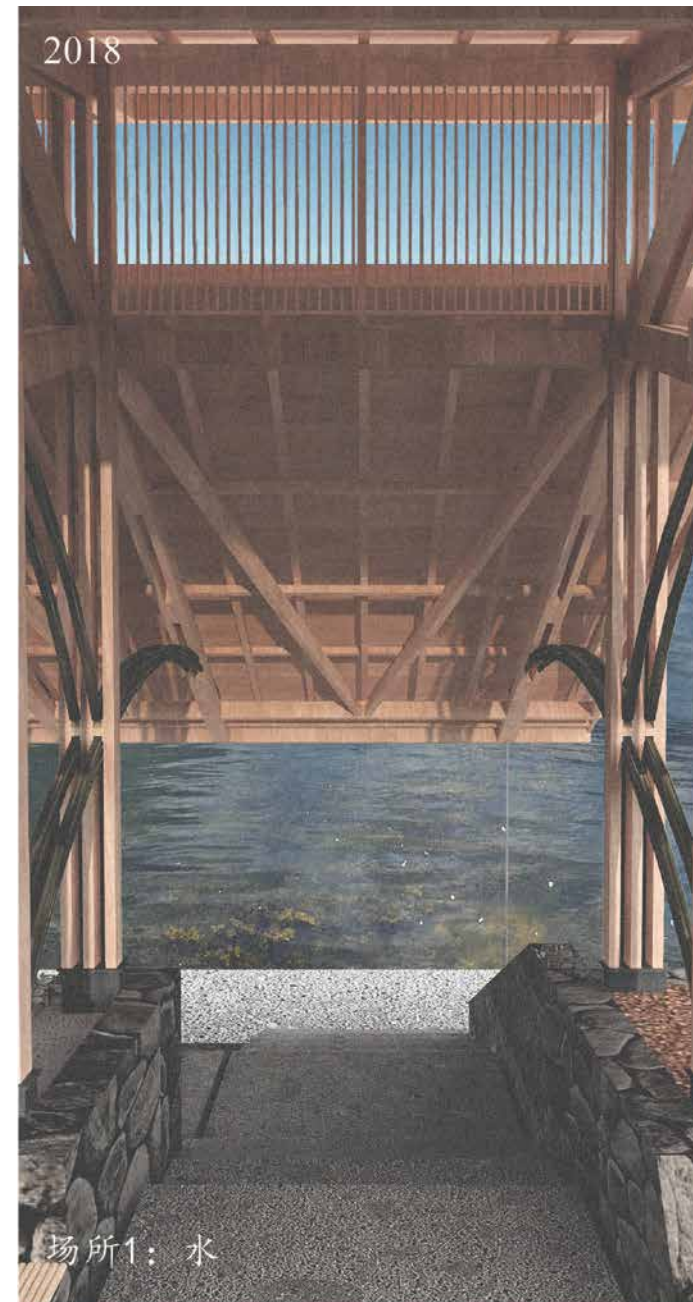
Collaboration with: Keming Yang, Ziyang Liu, and Taeseop Shin
Applicant's Role: village survey, design generation, bamboo experiment, bamboo & wood joints design, 1:1 mock-up fabrication & testing
Instructor: Wang Shu, Zhang Yao, etc.
First Prize in China Wang Shu Workshop, Summer 2018 @ MIT

Landscape are very much appreciated by Chinese. He Shao Xi is a pretty village with mountain, water, farmland and village. These four form a special kind of landscape in this village. Located close to the Qu Jiang new development area, the special landscape of the village has an even greater value in the future. Mountain, water, farmland, village, they each has its character. Mountain is spiritual; water carries lifestyle; farmland relates to food; village contains daily life. Each construction in this proposal is based on the character of each type of landscape and the needs of local people of each place. Under one structure logic, these constructions keep and use existing structure, such as water bank by the river, the wall of the shrine, etc.. These series of constructions will form a network in the whole village by the connections among mountain, water, farmland and village. The proposal on the riverside is our area of research in the first stage. The prototype site locates by an intersection of a water bank and a stair to the river. On the diagonal opposite side, it is the entry to village. The end of the stair to the river, exists the remain of a washing stone and the trace of people's activities. The proposal take place based on these activities by the river. The foundation of the new structure makes use of the existing riverbank earth channel by proper reinforcement for columns to stand. In between the columns, the concrete remaining traces form water tanks for washing. Two sloped roofs can be viewed toward the two sides of the riverbank and also can be seen from looking up to the sky and looking down to water. In this space, other programs such as public resting area, school bus station, temporal market and so on, finding light for home may grow spontaneously.

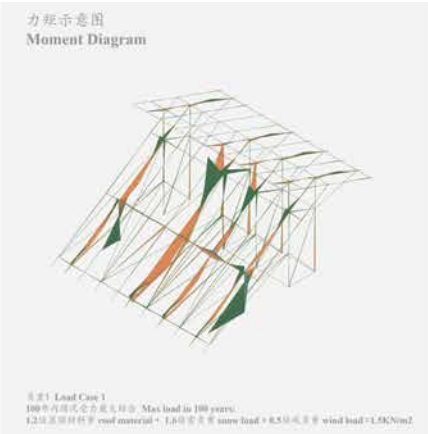
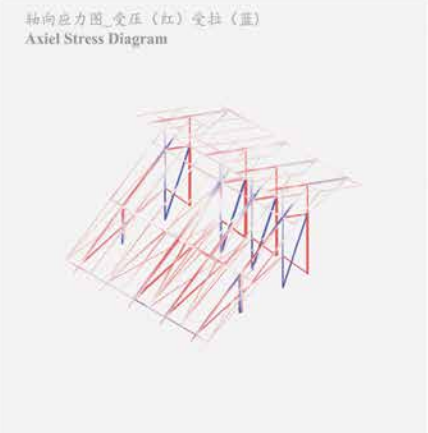
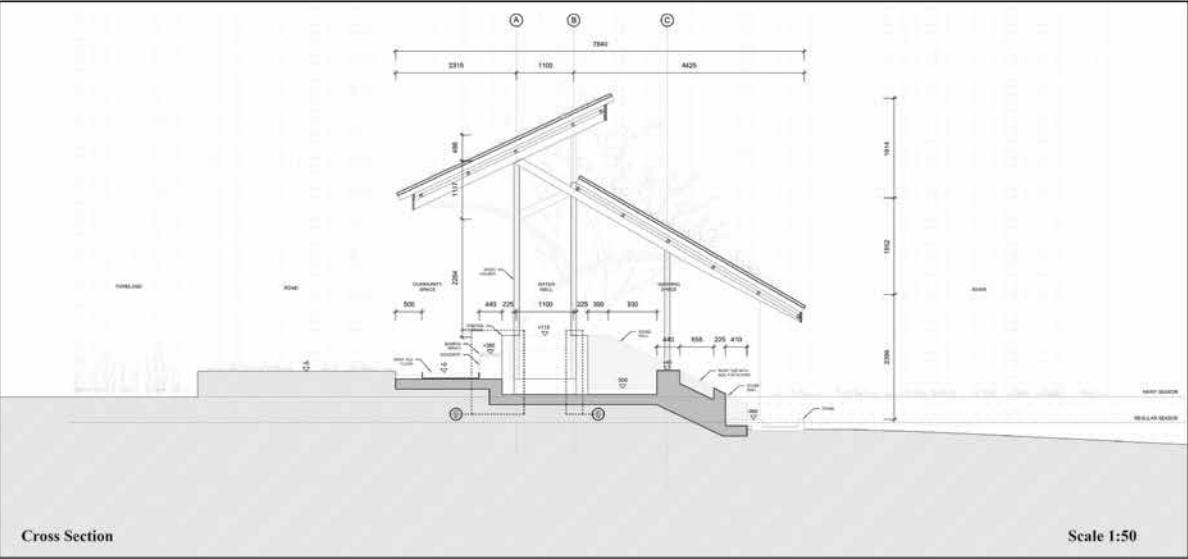
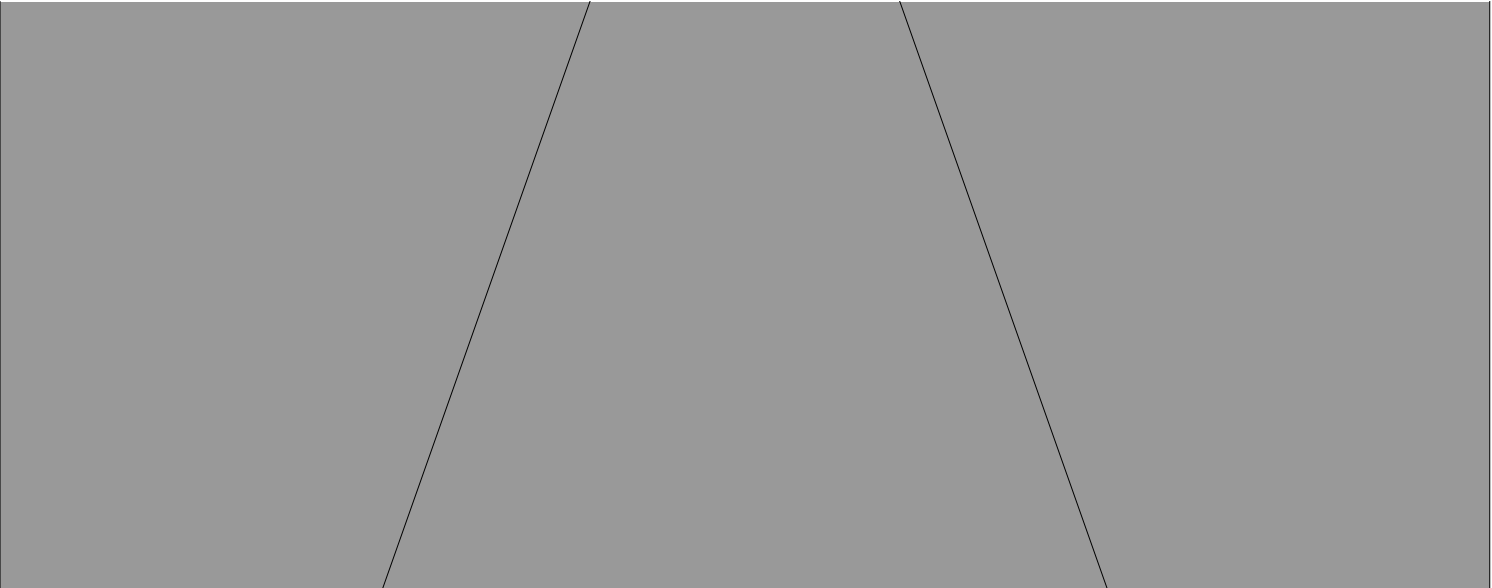
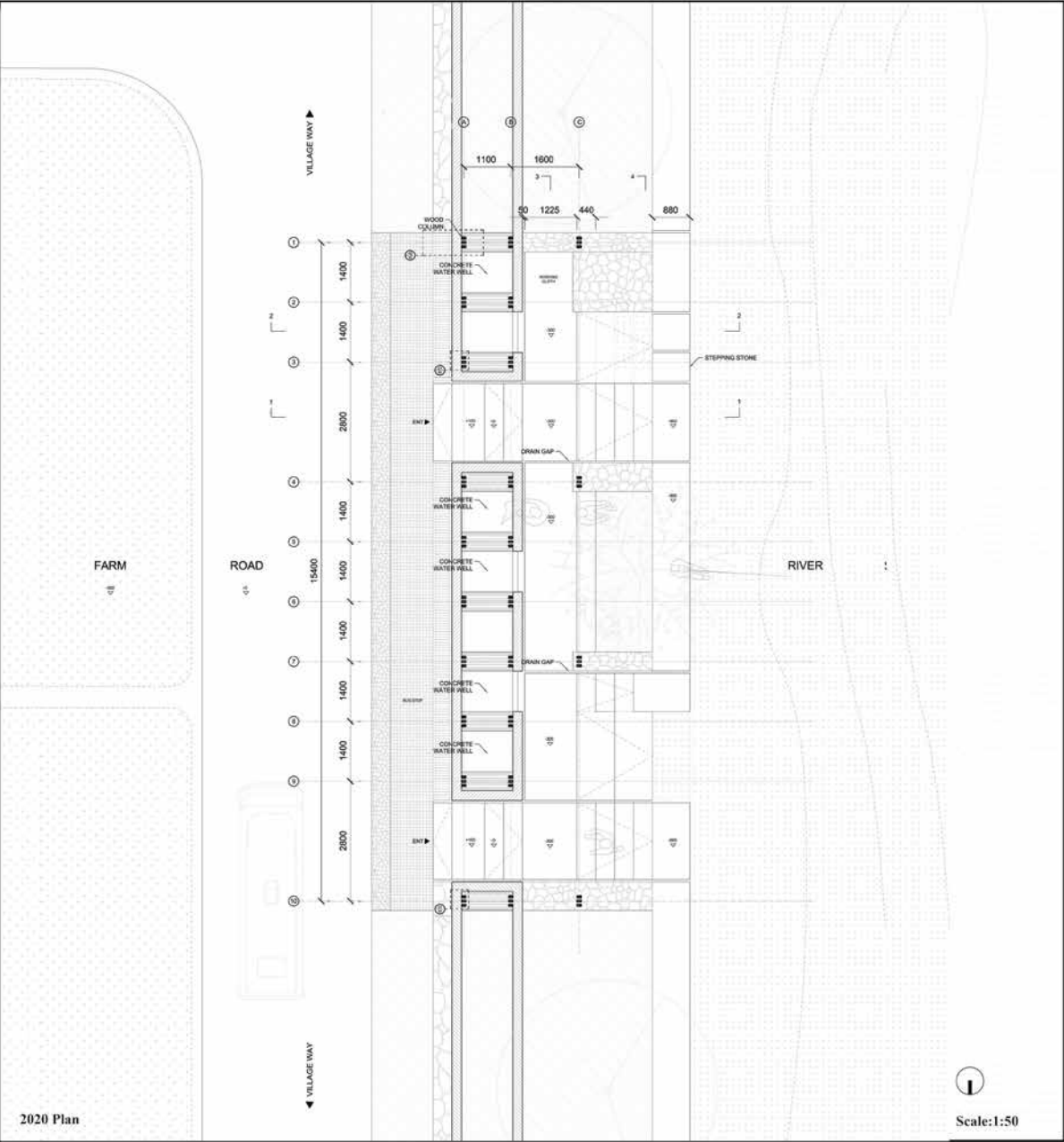
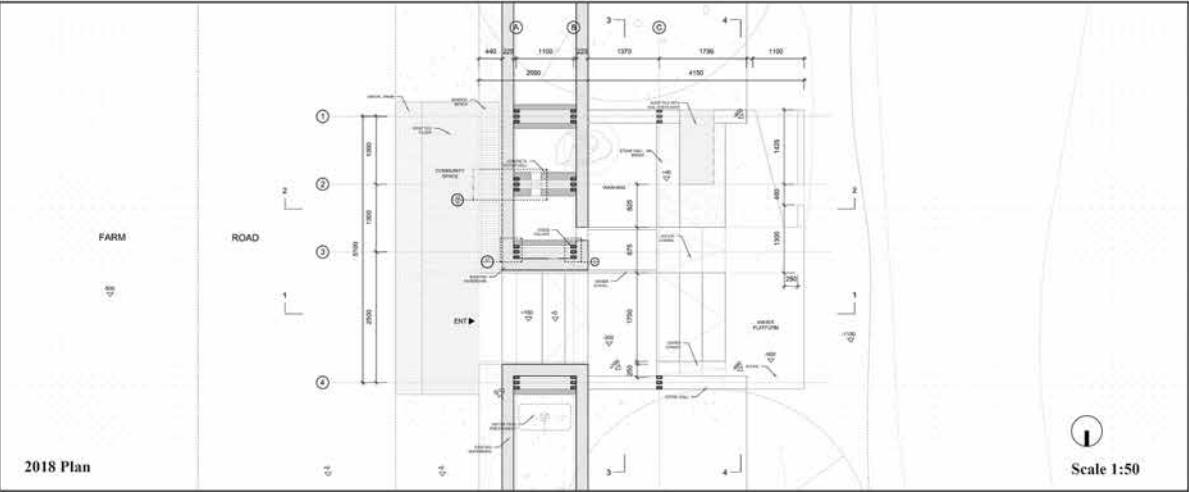


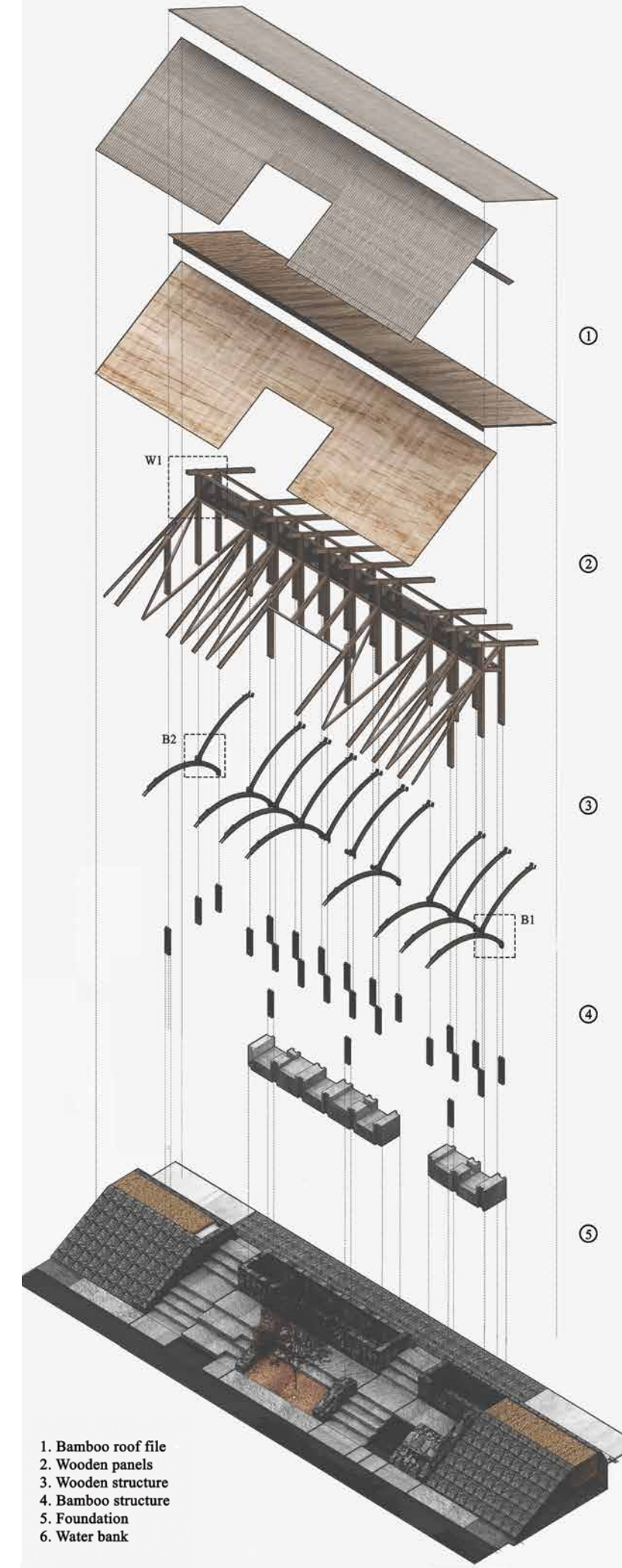
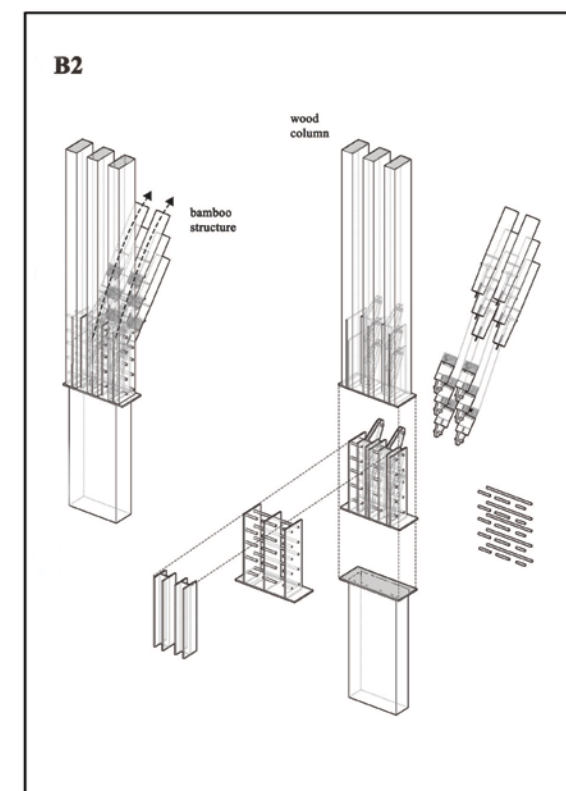
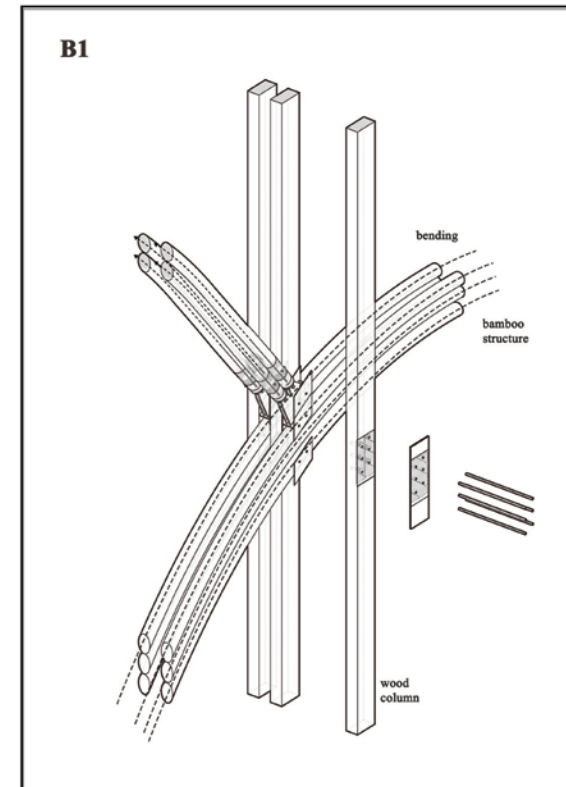
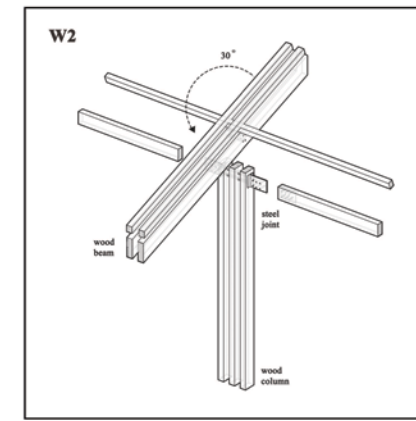
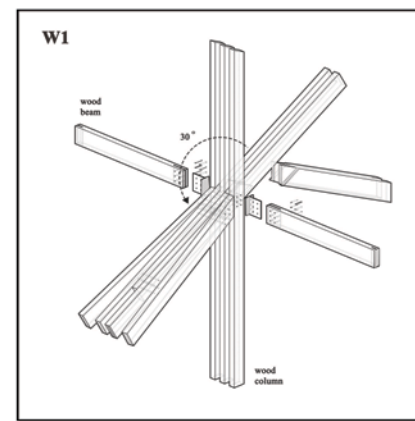


Village survey



Waterbank activity diagrams





1. Bamboo roof file
2. Wooden panels
3. Wooden structure
4. Bamboo structure
5. Foundation
6. Water bank