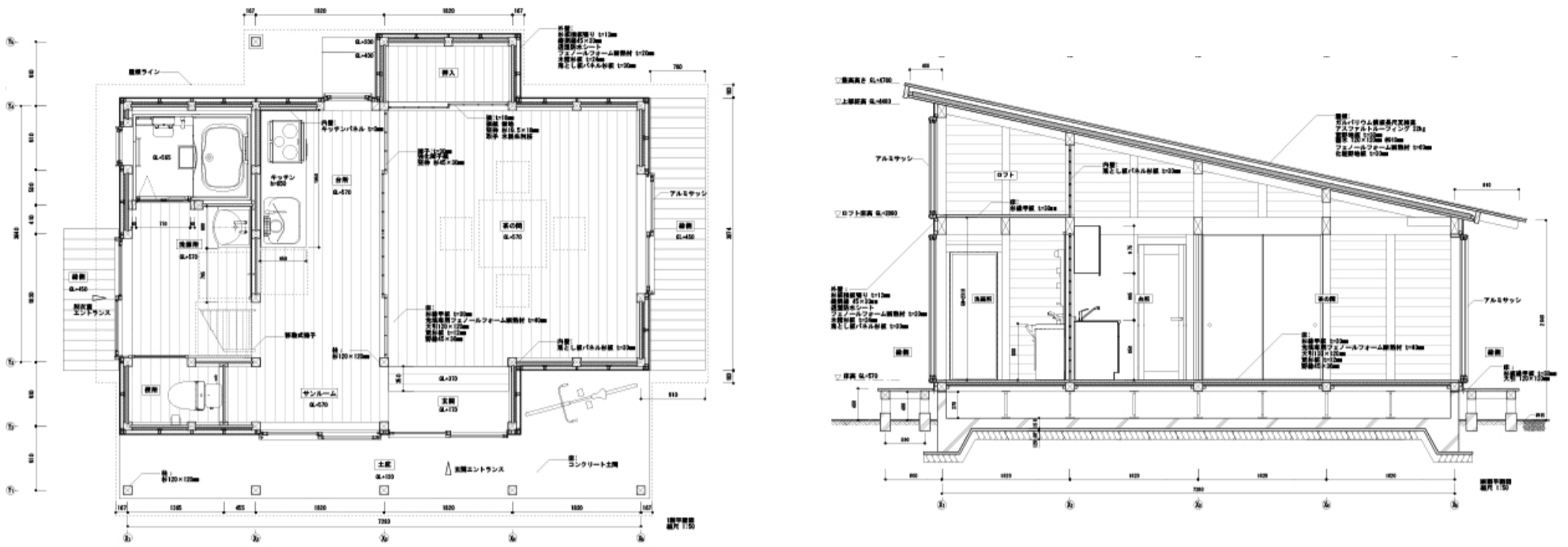


Summer Focus Work: Architectural Behaviorology for Shelter (House) as Tools for Living in the 21st Century



Archi-aid: Core House in Ishinomaki, Miyagi Prefecture, Japan(2012)

Organizer: Chair of Architectural Behaviorology, IEA,ETH Zurich

Learning Goal: Data collection, Visual report, Actor Network Drawing

Teaching Team: Momoyo Kaijima, Basil Witt

Collaborator: Laurent Stalder, gta, ETH Zurich, Fashion Girls for Humanity

Topic:

Why do people need shelters(houses)?

We have built shelters(houses) as tools for living and to adjust the environment to support our daily lives. Their sustainability is not only a technical or functional issue, but also has cultural and historical significance. By maintaining them, people ensure their meaning of life, identity, and creativity. We use to call a more stable structure to accommodate life in its most diverse dimension a “house” and a more provisional one to respond to urgency and basic needs, a “shelter”.

However, sometimes people lose their shelters(houses) due to natural disasters such as earthquakes, typhoons and floods, or human casualties such as wars and fire. For us, it is the loss of a major tool for survival, a proof of our life, or a way of trying to live, and it brings a great sense of loss. It is also the process of recovering from the grief and pain of loss due to such disasters that we build shelters(houses). Building a house teaches us the possibility of making something out of nothing, rediscovering our own repeated trajectories, and sharing the process and construction with those who have contributed to it, showing them that they can share in the joy of its realization and the security of their lives. What form can such a house take? There is no single answer. It will depend on the conditions of the disaster, the climate, the limited materials, technology, and skills available, the economic situation, the urgency, and the creative challenge.

In the 21st century, global environmental change, along with disasters, raises questions about where we can live. Where should we live? How should we live? How to build shelters(houses)that is a hypothesis and a practice for rethinking our living? What materials will be selected, how will they be processed, and with whom will they be built?

In this Focus Work, each student is required to collect shelters(houses) for disaster or global environmental change, analyze by list and visual table for selection for one case study for deep understanding and express its design conditions through actor-network drawings(AND) wit around the site and condition. This focus works will be related to the program Master thesis by Chair of Architectural Behaviorology and BUK in HS2023 and FS2024.

Program:

Orientation & Kick off Lecture by Momoyo Kaijima and Fashion Girls for Humanity: 26th of June 10.00-12.00 at ONA G28/ZOOM

Desk Crit 1: 10th of July 10.00-12.00 at ONA G28/ZOOM

Mid Review: 24th of July 10.00-12.00 at ONA G28/ZOOM

Desk Crit 2: 7th of August 10.00-12.00 at ONA G28/ZOOM

Final Review: 21 th of August 10.00-12.00 at ONA G28/ZOOM

Students: 10 Students at D-ARCH

Assignment:

Mid Review: Visual Report (A4 x4, 300 words Text, List of the cases, Visual graph comparing the cases in the list, Finding a target case for AND)

Final Review: Revised Mid Review Material, AND for a case.

Ratio of grading: Mid Review Submission: 50%, Final Review Submission :50%

Credit: Vertiefungsarbeit, 6 ECTS at Chair of Architectural Behaviorology

Application:

Please apply until 10th of June, by sending an e-mail to Basil Witt (witt@arch.ethz.ch) with a motivation letter (A4, 1 page), a portfolio (A3, 5 pages) and cv.

Contact: Basil Witt (witt@arch.ethz.ch)