

OSLO FOOD LAB

"Food Lab" is a concept for a cooking school and a restaurant joined together into one bigger complex, stressing a fusion between the academic (the school and the students), the professional (the restaurant and the chefs) and the public (the visitors).

The design process was focused on working with "flux", and its contribution to the surroundings has been equally important during the design prosess. The complex tries a word descirbing the constant changing of people and activities within the building complex. Oslo Food Lab has to connect different surrounding places as well as being a been designed with the students, the top chefs and the place in itself. visiting public mass in mind, trying to figure out a way for all of them to enjoy their stay at the food lab. It's to be Working with the assignment created an engagement pointed out that the building tries to serve the traditional for cultivation within, on and around the building. The needs of a culinary academy (such as storage, good

for laboratory work. This creates academics and cultivtation to be joined together with the concept of cooking and enjoying food. The school gives room for workshop-based teaching, where events and cooking classes can be held during night time.

Oslo Food Lab takes part in a complex urban situation

diagram on the left explains how the concept of a huge

green house becomes Oslo Food Lab.

structions beneath the ground (old basements etc.) to prevent the pollution leaking into the river. Due to this I decided to plant a belt of herbs having a positive effect on polluted grounds by over time cleaning out the pollution (bioremediation). This is a slow process but along the river this could have an instant effect on the local environment. Furthermore putting a lid on the polluted surface, such as an asphalt slab will enclose the pollution and make it even more difficult for it to

water to wash out the pollution into the river.

Polluted ground

PROGRAM

The ground at Nedre Foss is polluted by arsenic, lead and zink. Therefore, changes should not be made to existing conleak into the river. Asphalt reduces the direct contact between humans and the polluted ground and prevent the rain

The large program of activities in Oslo Food Lab has been a challenge and an inspiration for the design. Some facilities have been added such as the laboratory, and some have been taken away. The temporary housing for the chefs has been removed from the program due to the many of-fers of hotels and apartments in the nearby area. Different visits to shcools, restaurants etc. have caused Oslo Food Lab to change a little, and facilities in demand such as a place to hold Farmers Market has been included in the program. In total, the building area has increased due to realizing

the real needs of such a complex.

Molecular gastronomy

rather than a necessity.

And what does molecular gastronomy hold for chefs? For them,

Science is the basis for technology and new innovations, so this field helps them to create exciting new dishes and inventions.

To make experiments and molecular gastronomy a part of OFL,

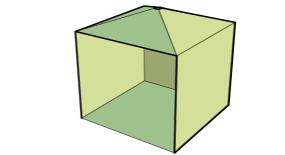
the laboratory was added to the program.

the scientific exploration of cooking is even more important.

Molecular gastronomy is the chemistry and physics behind the The developer of Vulkan explained that Farmers Market needed space for arranging their market during spring preparation of any dish: for example, why a mayonnaise becomes firm or why a soufflé swells. and summer seasons. The space around the OFL complex should be flexible enough to fit the activity of If we are able to use the knowledge gained on food preparation, this event.

we might find new ways to make healthy food more attractive, we might persuade more people to cook better food and, last but not Farmers Market: 30-35 tents (tent size: 3m x 3m) There least, we might convince society to regard eating as a pleasure, should be 4m space bewteen the tent rows/clusters.

Farmers Market



Facility program

Herb- & vegetable garden

Recepcion area/foyer Auditorium (min. 0,5 m²/person) Kitchens Class rooms Bar / lounge Admisistration Storage etc. Rest Rooms Showers Laboratory

Wine cellar

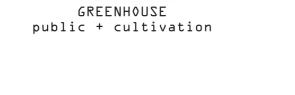
156,3 m² 171,3 m²

1698 m² Bike parking underneath service delivery 261,5 m² Store 143 sqm

142,7 m² 248,53 m² 156,1 m² 112,8 m² 58,7 m²

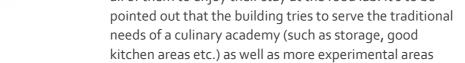
196,15 m² 90, 2m² 22 m²

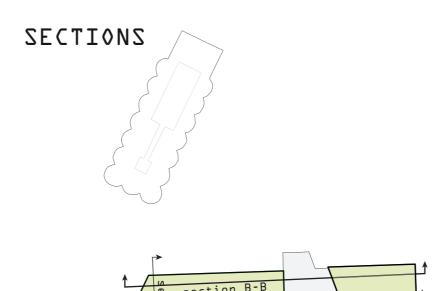
123,8 m² 118 m²

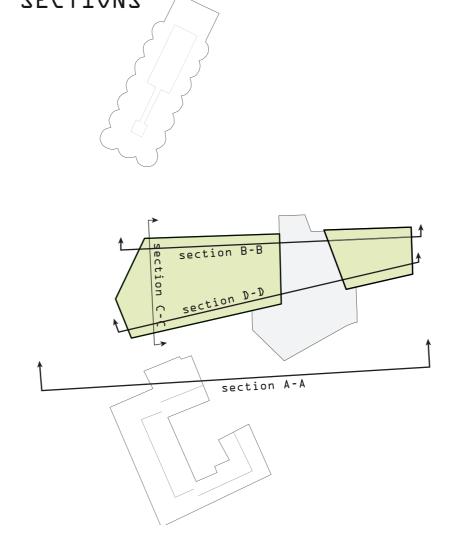




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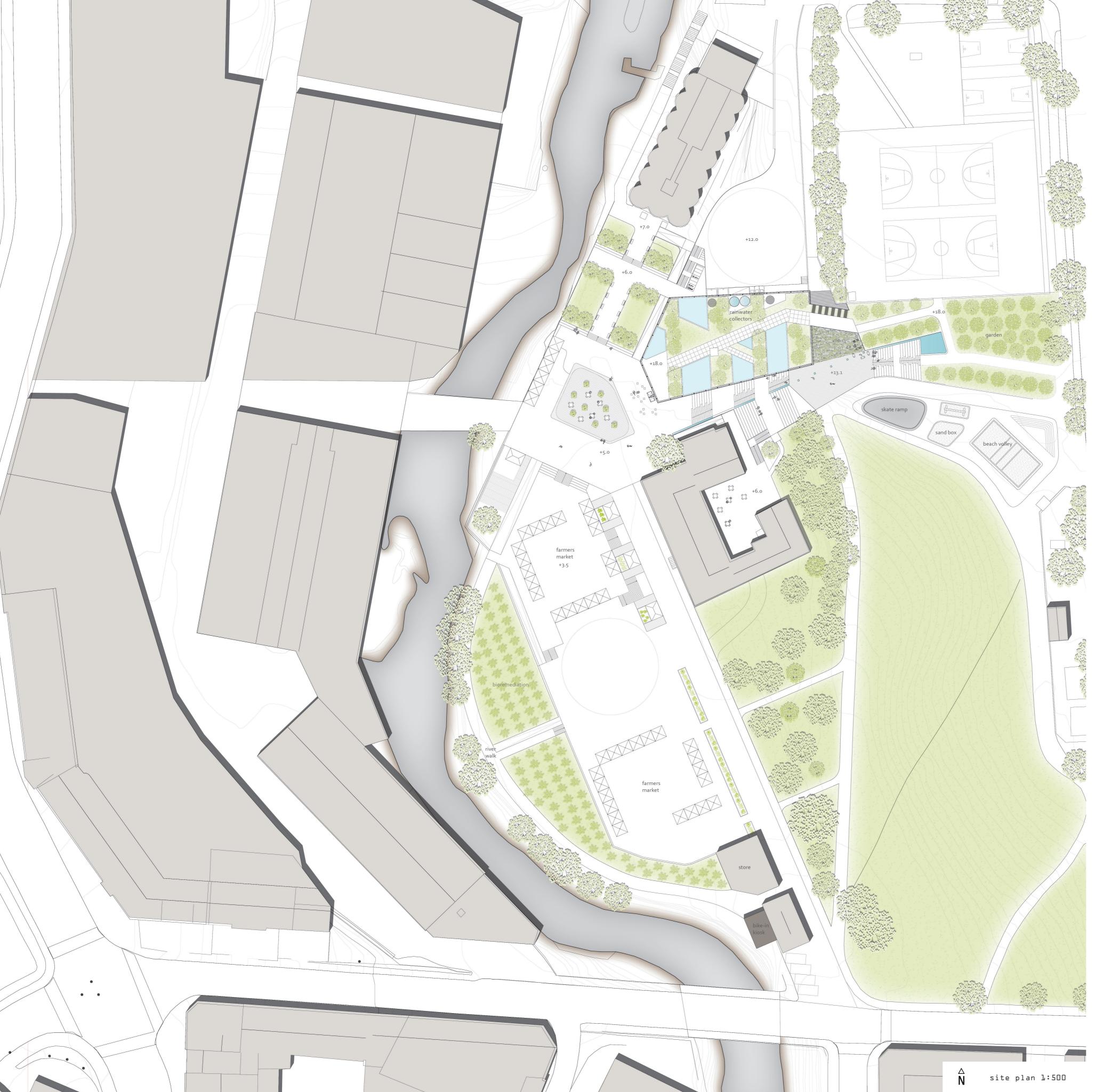






section B-B _ 1:200

N ground floor 1:100

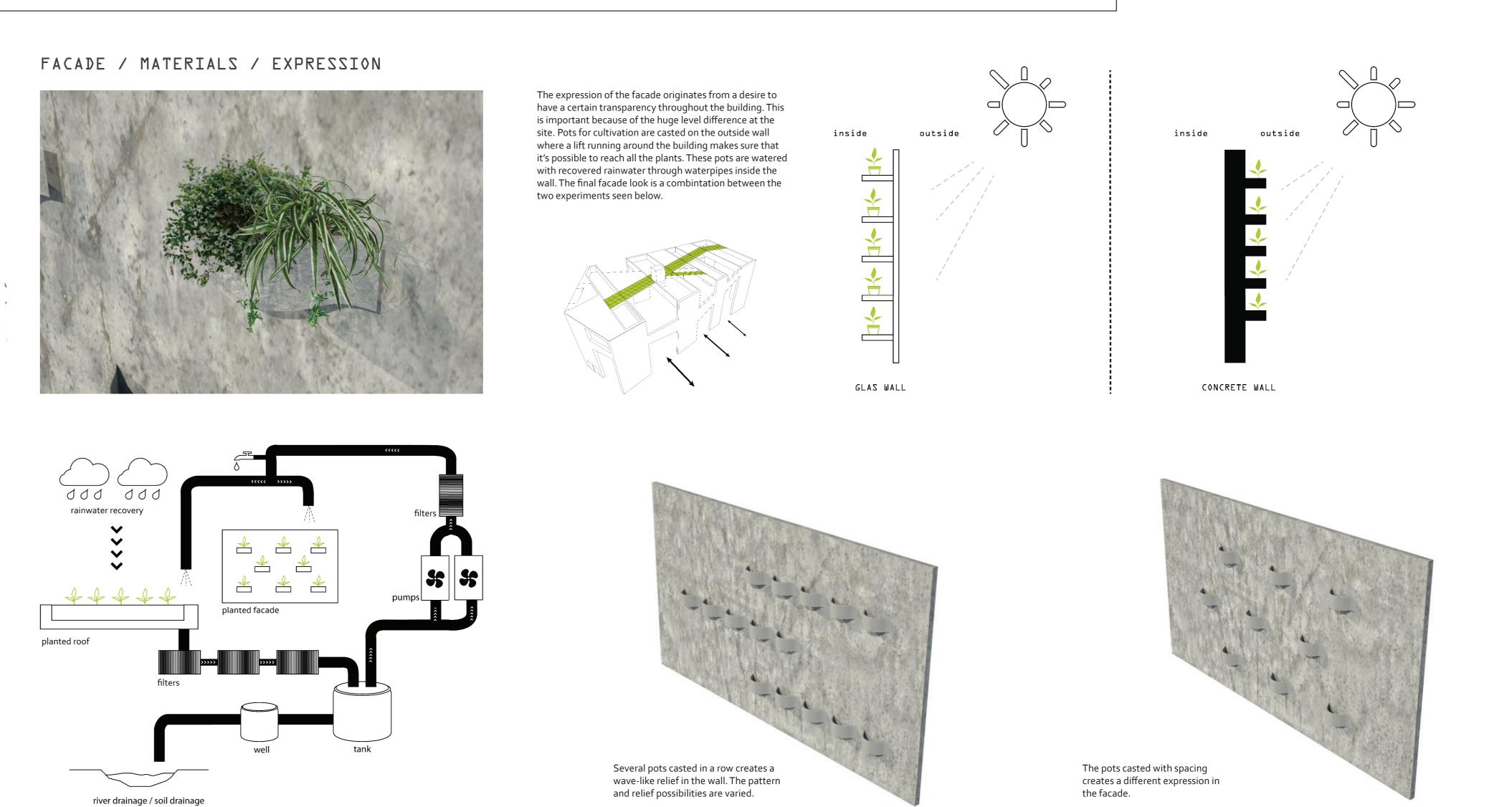


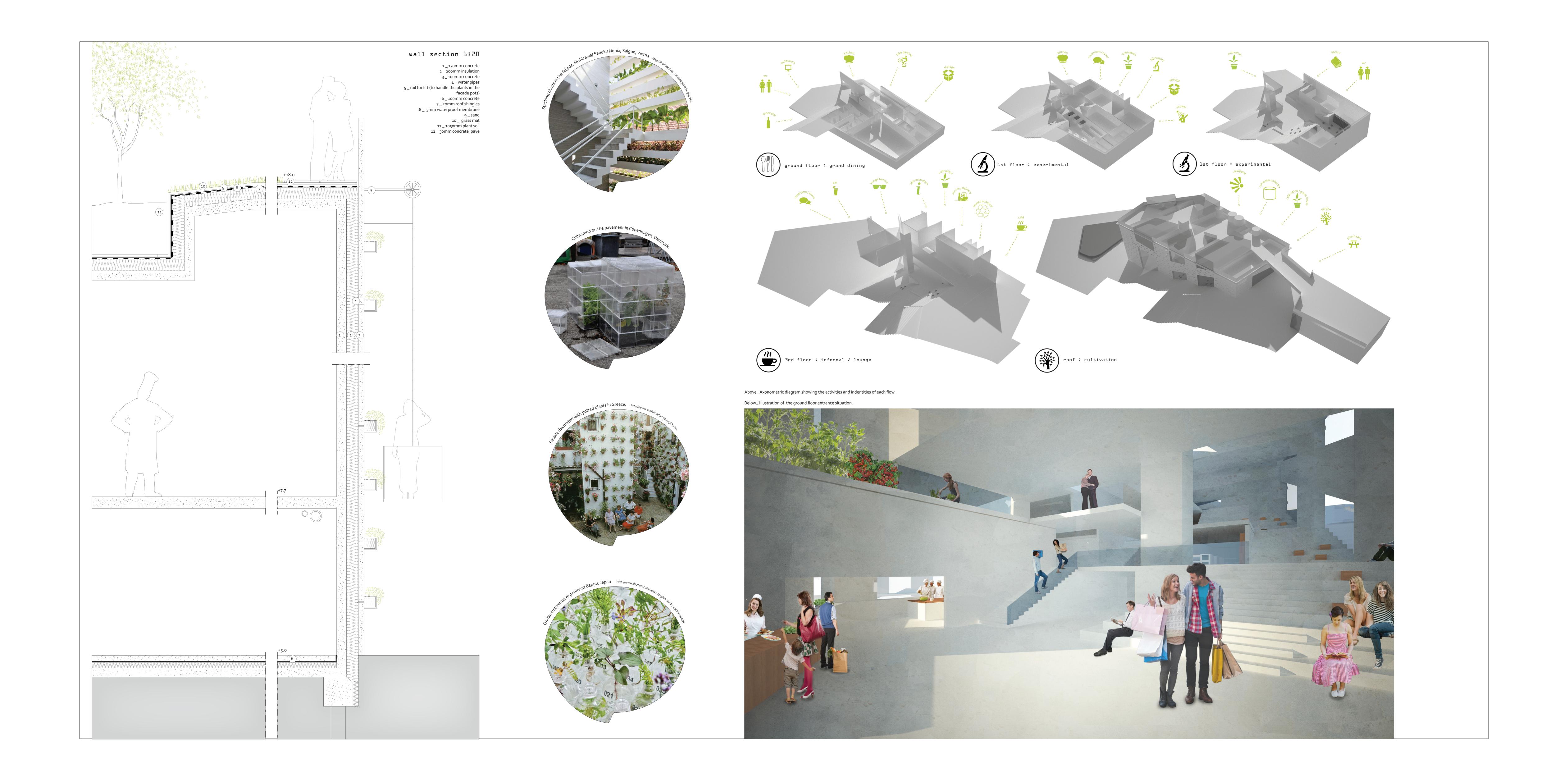


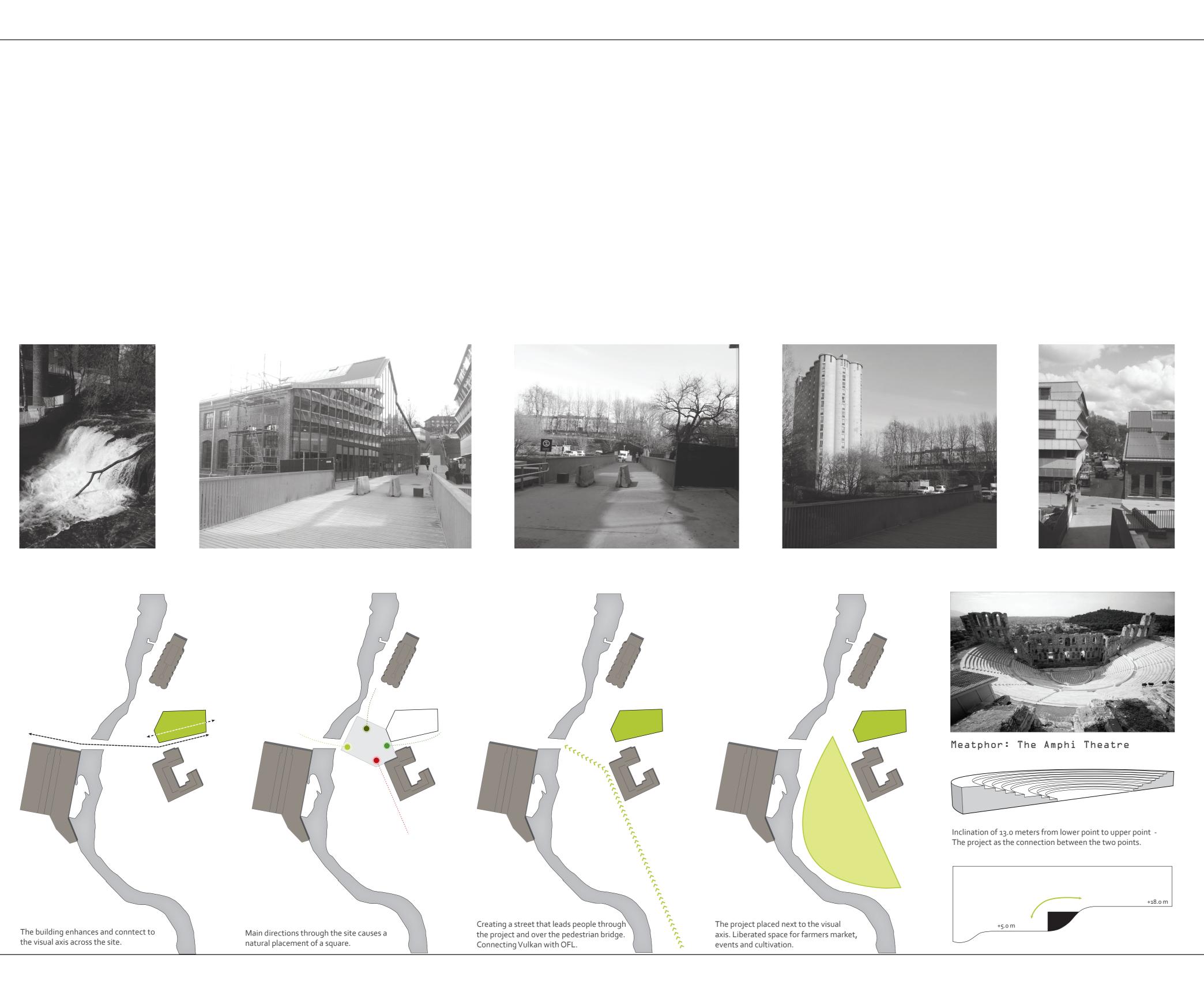




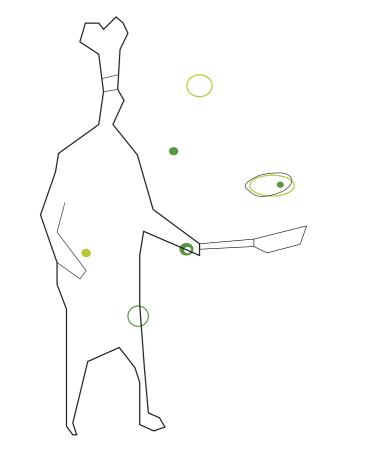












05L0 F00D LAB culinary institute and restaurant VILDE ASPEN HELVIK

