

Focusing to the hubs now , there are three main principles of their .Materiality,- Accessibility,Modularity. Besides the activity and the services they offer, they host a general philosophy of sustainable construction methods .



Construction principals

Materiality

Materials are selected to be recycled and/or reuse.Their selection is based to their durability and their environmental friendly properties throughtout and after their life span.The majority of them are locally found, in order to contribute to low embodied carbon and energy .

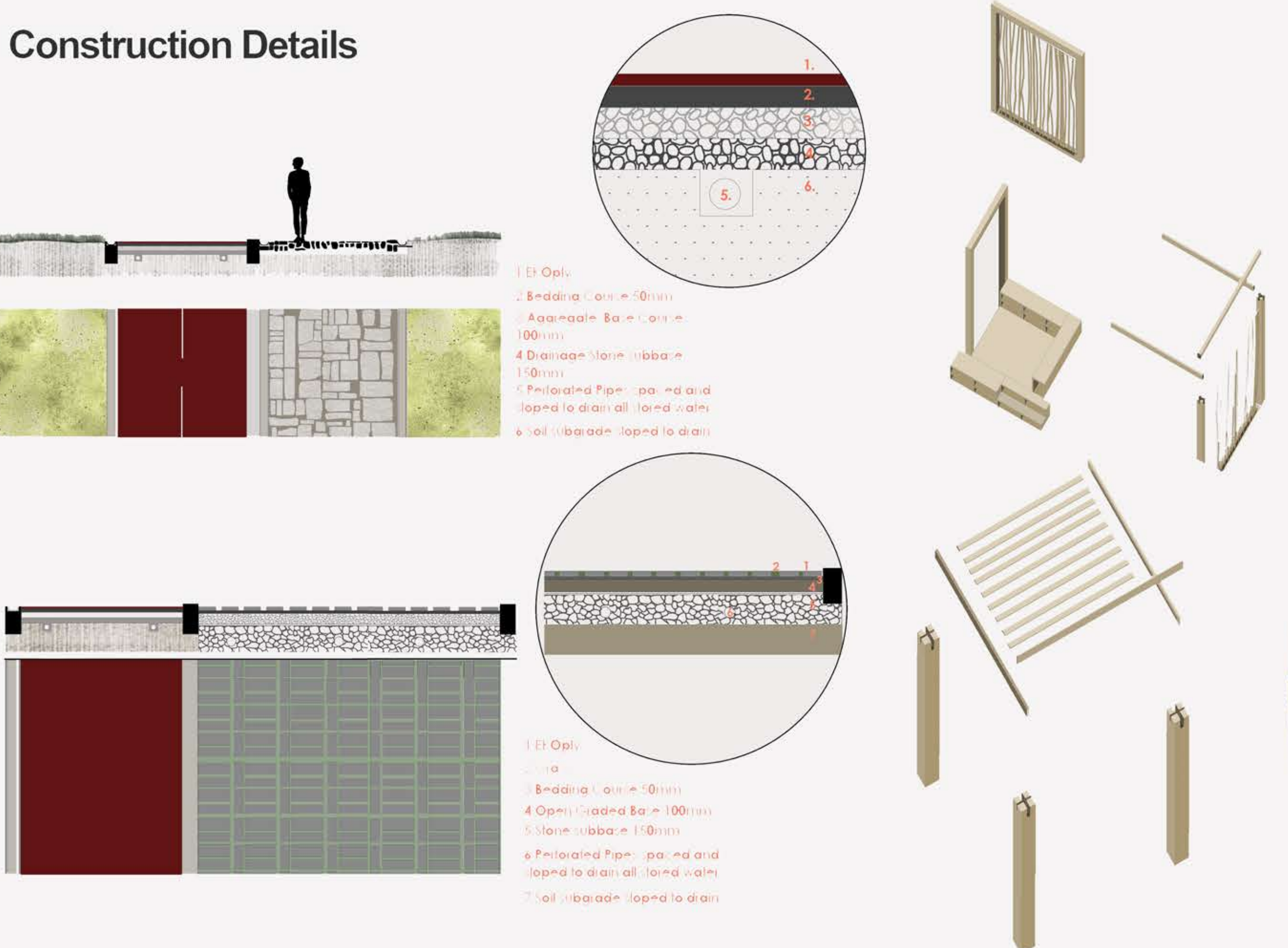
Accessibility

The selection of pavement materials was made to allow all people with moving or visual difficulties to have access to the facilities.

Modularity

The majority of the constructions in the area are categorized as modulars, so that parts of them can be replaced easily or to move from one place to another.

Construction Details



Socializing Hub



The **Open market** is located on the main path and very close to inhabited areas like Danderhall. The concept of its construction follows the line of modularity with the entire construction to be made from Oak wood with the possibility of transfer and relocate. The complex include shading installations, market and food spots as well as resting points. The recreation of the are also includes the creation of secondary paths and the placement of trees in points that can offer protection from the prevailing wind and shade during summer.

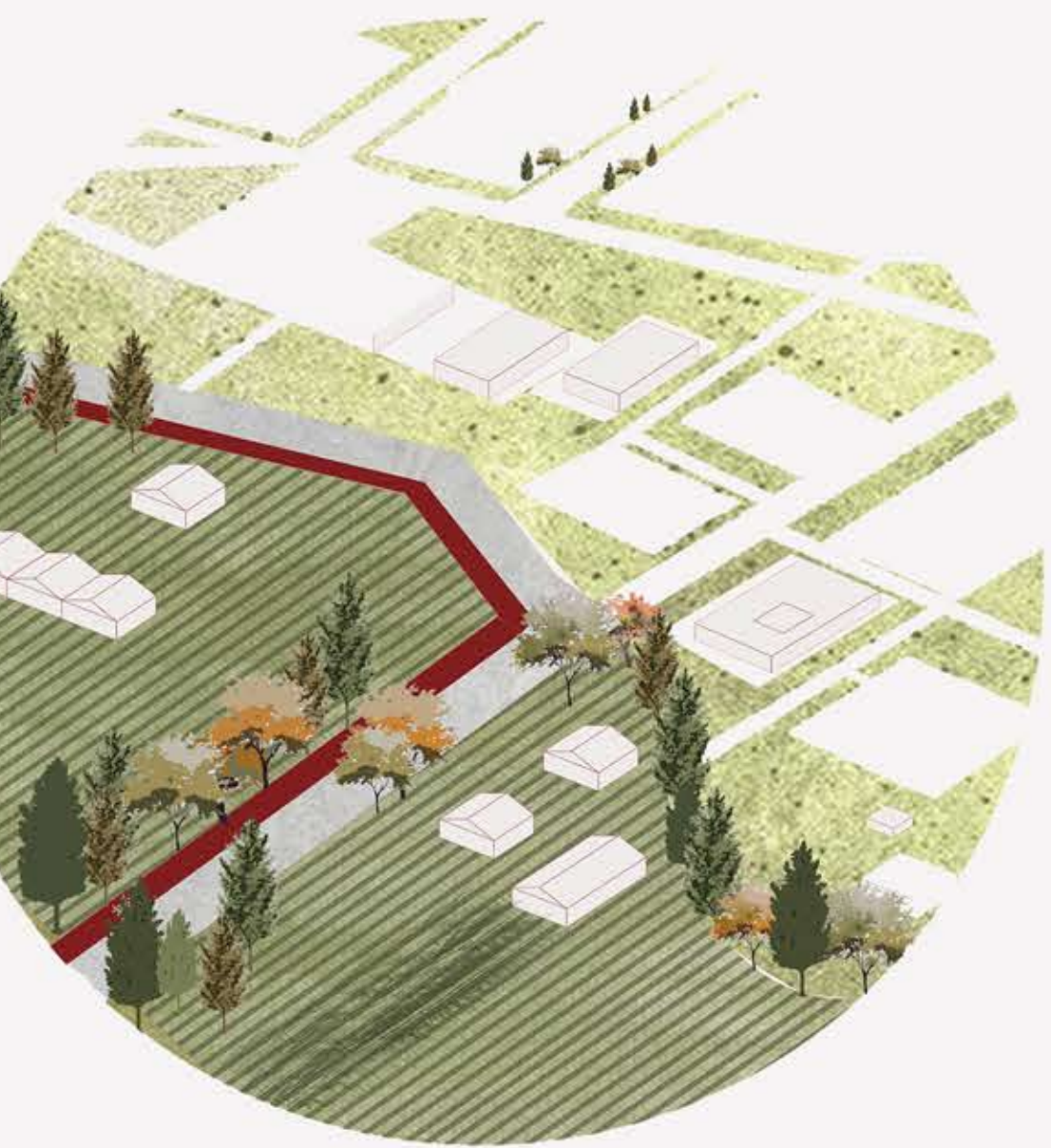


Art Hub



In this case the amphitheater is taking advantage of the few existing slopes and in build upon them creating thus a new element in the landscape by sculpturing the soil . The amphitheater as the majority of the hubs include the concept of socializing in order to have an all year function. A ramp is added to assist with the accessibility .

Geocellular retaining system

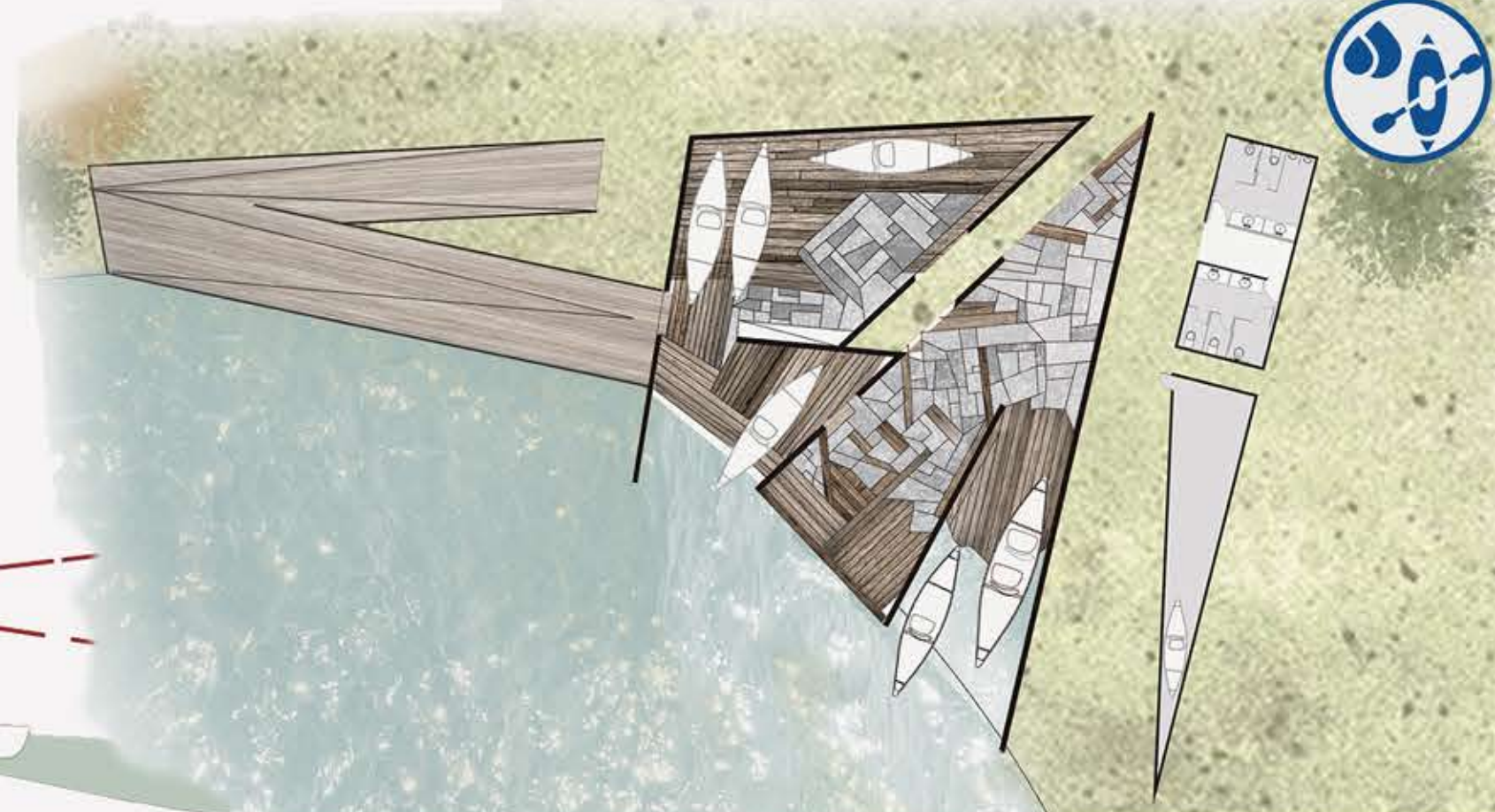


Education hubs



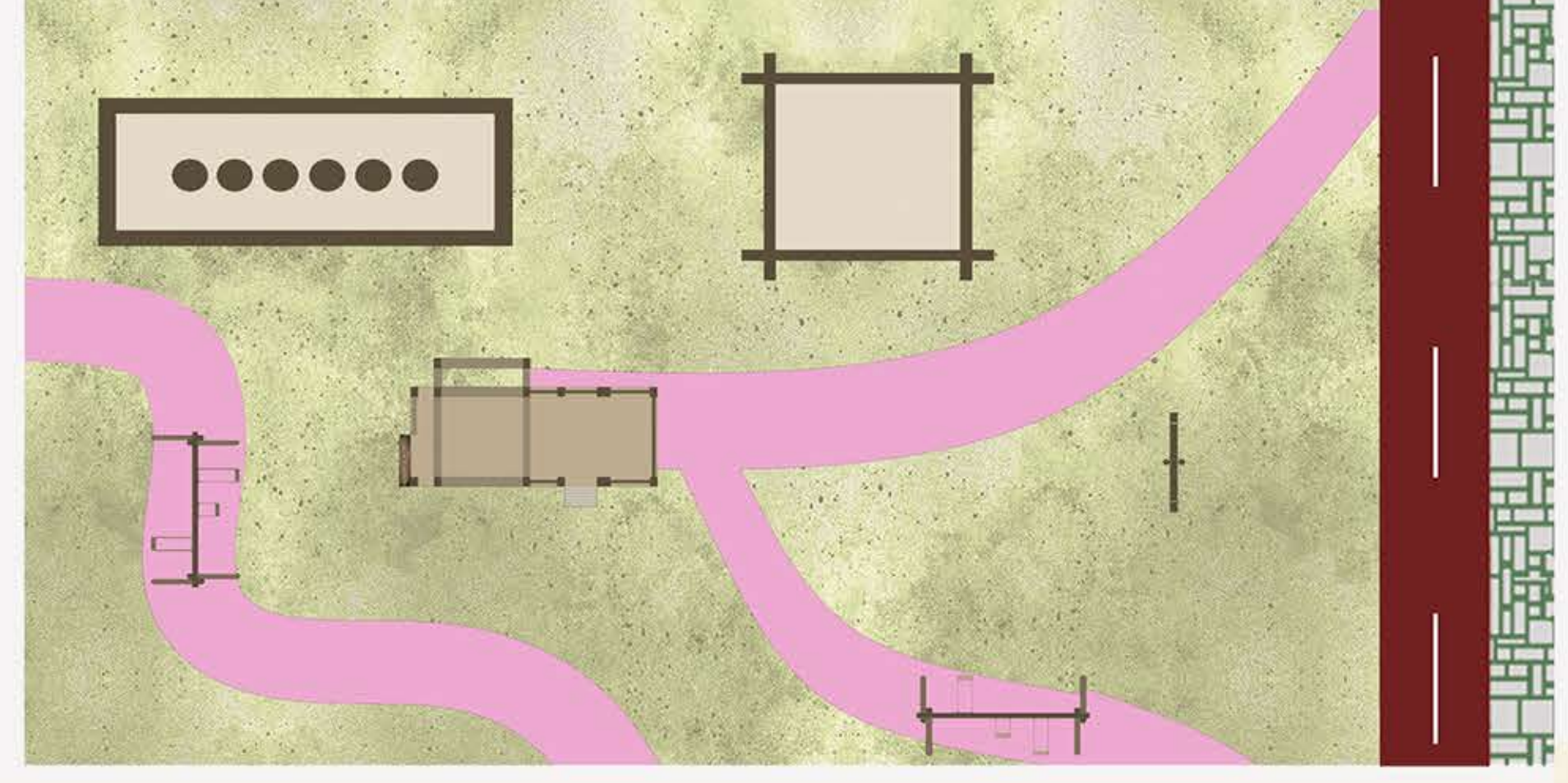
Education hubs are installed in areas that include different elements of biodiversity (rare plants), examples of flora and fauna of Scotland that are about to extinct. In this way we aim to protect the endangered species and in the same time to inform all people no matter the age about the environment around them.

The **water pavilion** is a permanent installation with some modular parts constructed mainly by timber. Its construction is like a mosaic of elements that are joined together according to their stock in the area. As "walls" are used branches of trees attached in a timber frame. Its purpose is to maintain facilities like storing canoe boats or fishing equipment.



Water Hub

Children's Hub



Agriculture Hubs

