MANCHESTER SCHOOL OF ARCHITECTURE

platform MArch Atelier 2018/19

The Flexi-SpACE proposal involves developing a system of innovative modules that interconnect to create a scalable structural system around the existing building that is utilised as a core. This system is highly adaptable to multiple uses, from labs for scientific research, to a range of uses from offices, residential and commercial. The final structure is enveloped in an external cross laminated timber structure that can also scale with the modules. This external structure allows the creation of soft spaces between the hard, lab/office/commercial spaces and is finished with a dynamic, parametric façade that provides solar shading as well as creating the openings to the building. The entire structure, from the modules to the façade, is entirely modular and can easily be constructed and deconstructed with minimal skill through the use of simple, mortis and tenon joints with peg fixings. Through the use of these simple joints and sustainable materials, with our focus on timber structures, we can create a building that is highly adaptable and recyclable throughout its life

BAMB - Building As Material
Banks - is a reversible building
design competition which
concentrates on the need for a
more sustainable future
through the reuse,
redistribution, refurbishment,
re-manufacturing and high
quality recycling of buildings as
components. The
implementation of this means
materials stay in circulation
longer which significantly
reduced waste and the use of
virgin materials.

BAMB is intending on developing and integrating tools including reversible design and material passports in order to enable a 'systmeic shift' in the building sector.



Joseph Shenton Khe Lyn Gabriel Wyderkiewicz



















