

DIAGRAMMING.

The first *diagramming* exercise corresponds to the initial design component of the architectural studio, which is a full-scale 1:1 installation within the MIT campus. Students are required to record through three-dimensional diagrams the aspects of space that they have taken into account during the design and fabrication of their installation and also the impact of their intervention after the completion of their installation.

Therefore, diagramming becomes an analytical device for comprehending but also numerically measuring the spatial transformation that their spatial artifact has initiated. The work of visual analyst and theorist Edward Tufte is examined as a module for documenting complex multi-dimensional information in a single diagram. Moreover, the students are immersed in an alternative design thinking process via the procedure of quantifying abstract concepts and ideas into numerical information.