

LIGHTBOX

The brief of the project is to design a toilet for the girls schools in villages across the country.

Requirement : Number of WCs - 2

Project cost should be under 40,000 rupees

IDEA

The idea is to make toilet overhead water tank using waste tin can which can also be used as colorful skylight, making the washroom as Lighbox.

Tools required to join :



Grommet



Rubber Gasket



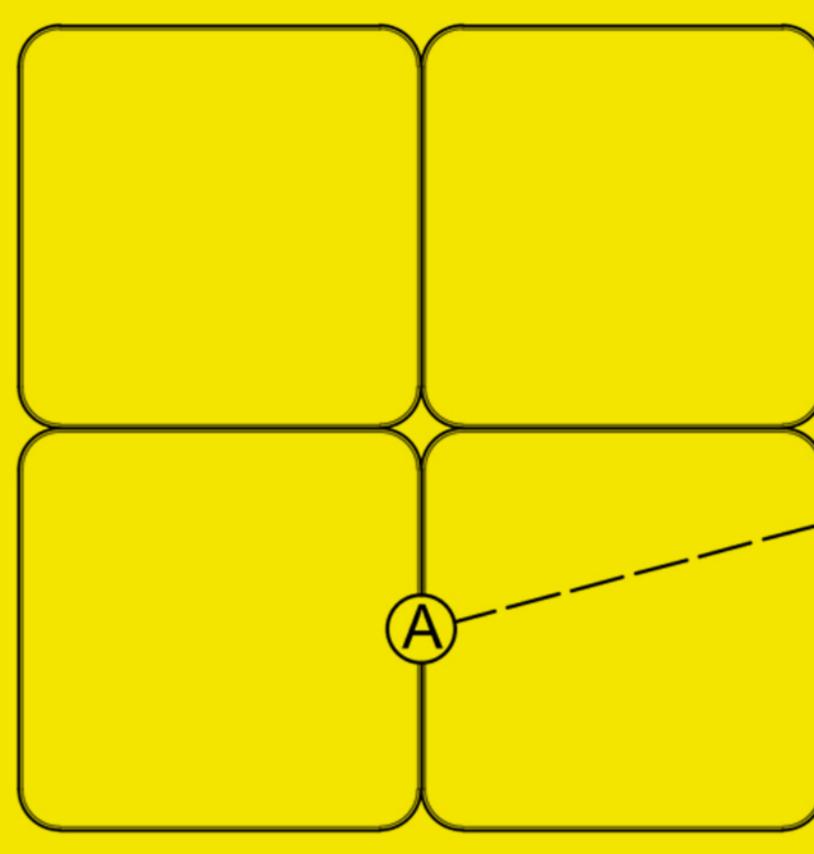
Hammer



Mould

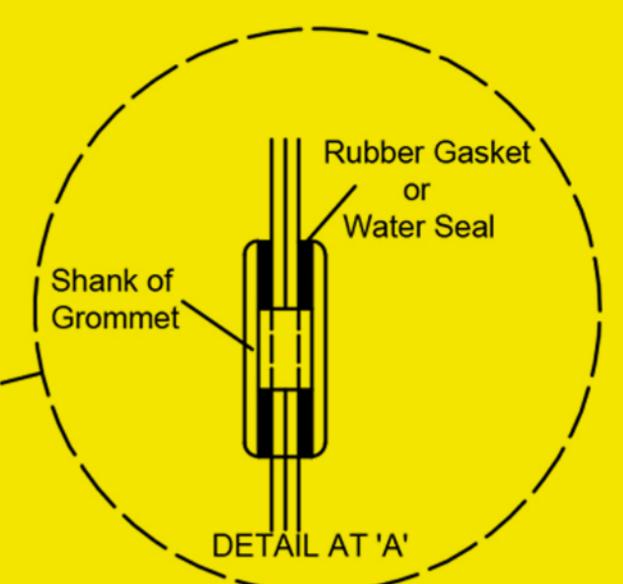


Glass Skylight

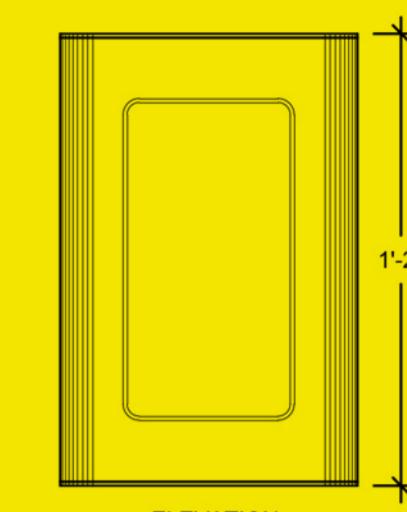


UNIT MULTIPLIED

Details at A

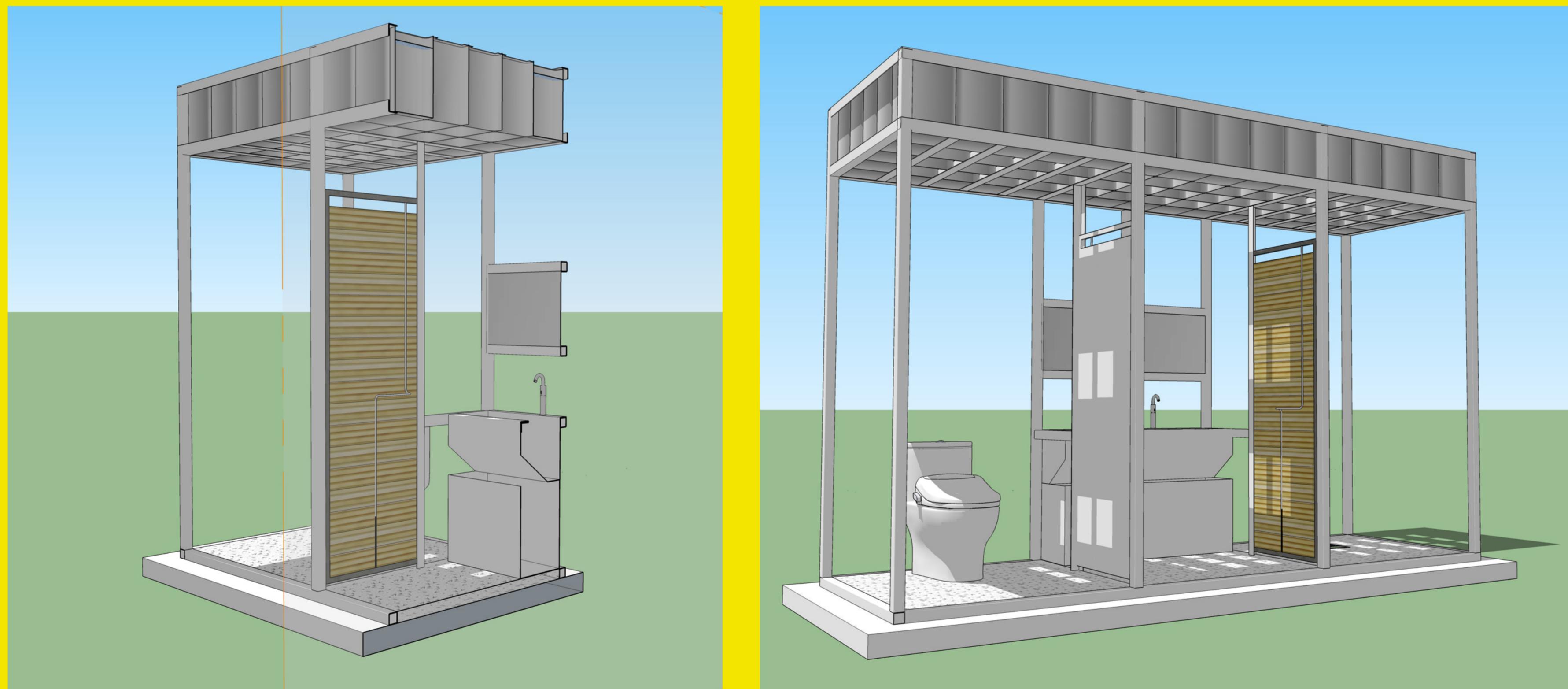


Rubber Gasket or Water Seal
Shank of Grommet

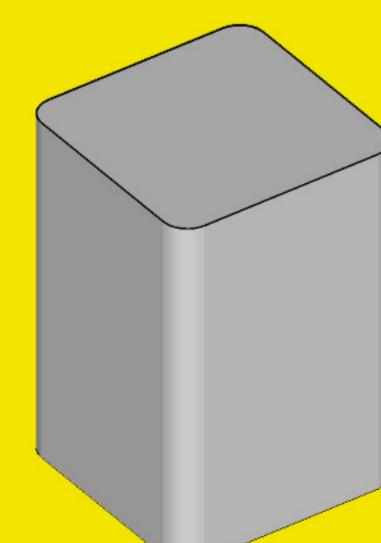


Unit Dimensions of 15 L.t. Oil Tin Can

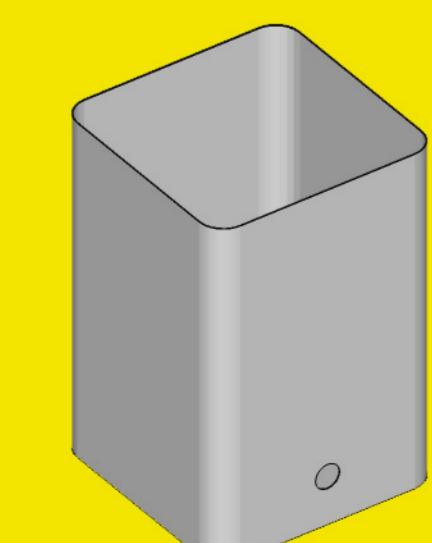
BASIC ENVELOPE



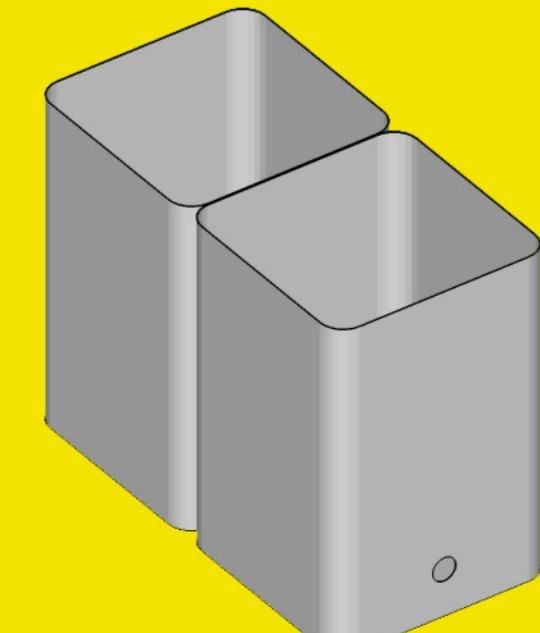
Over Head Water Tank Using Oil Tin Can



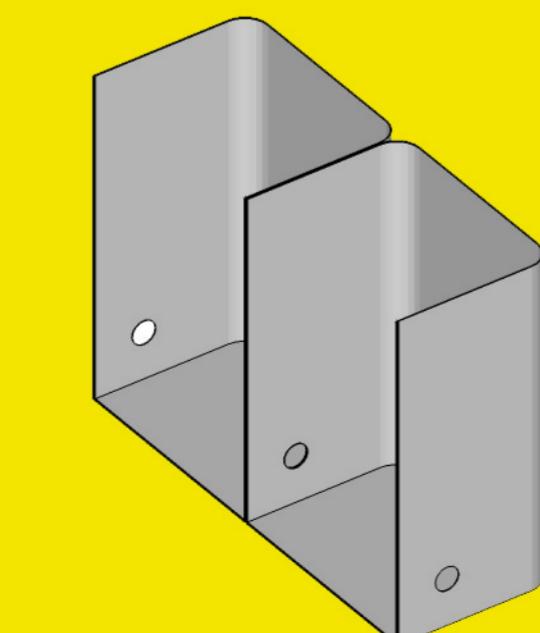
Oil tin Can



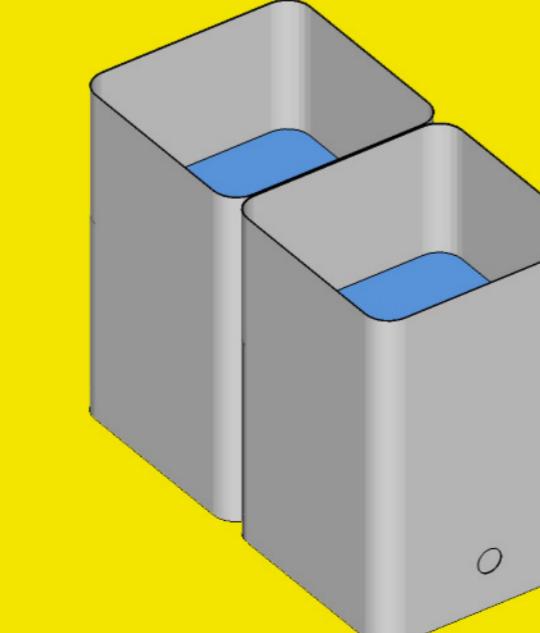
Top is removed to make hole



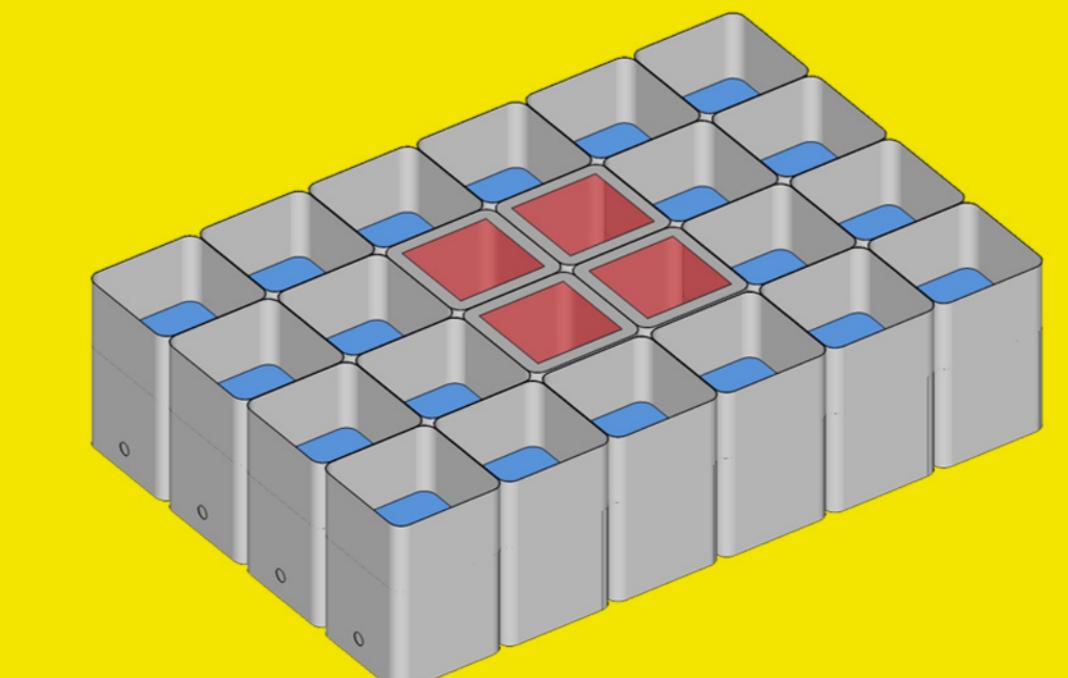
Joined using Grommet



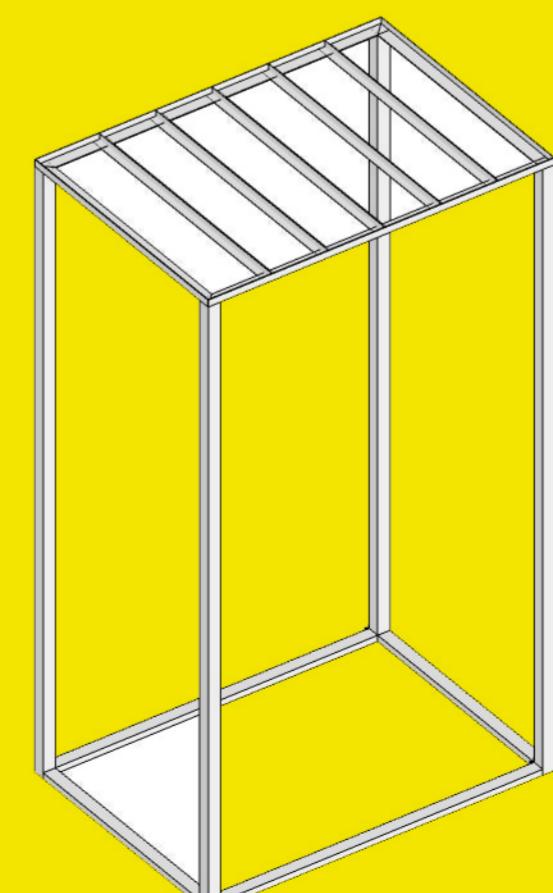
Cross Section



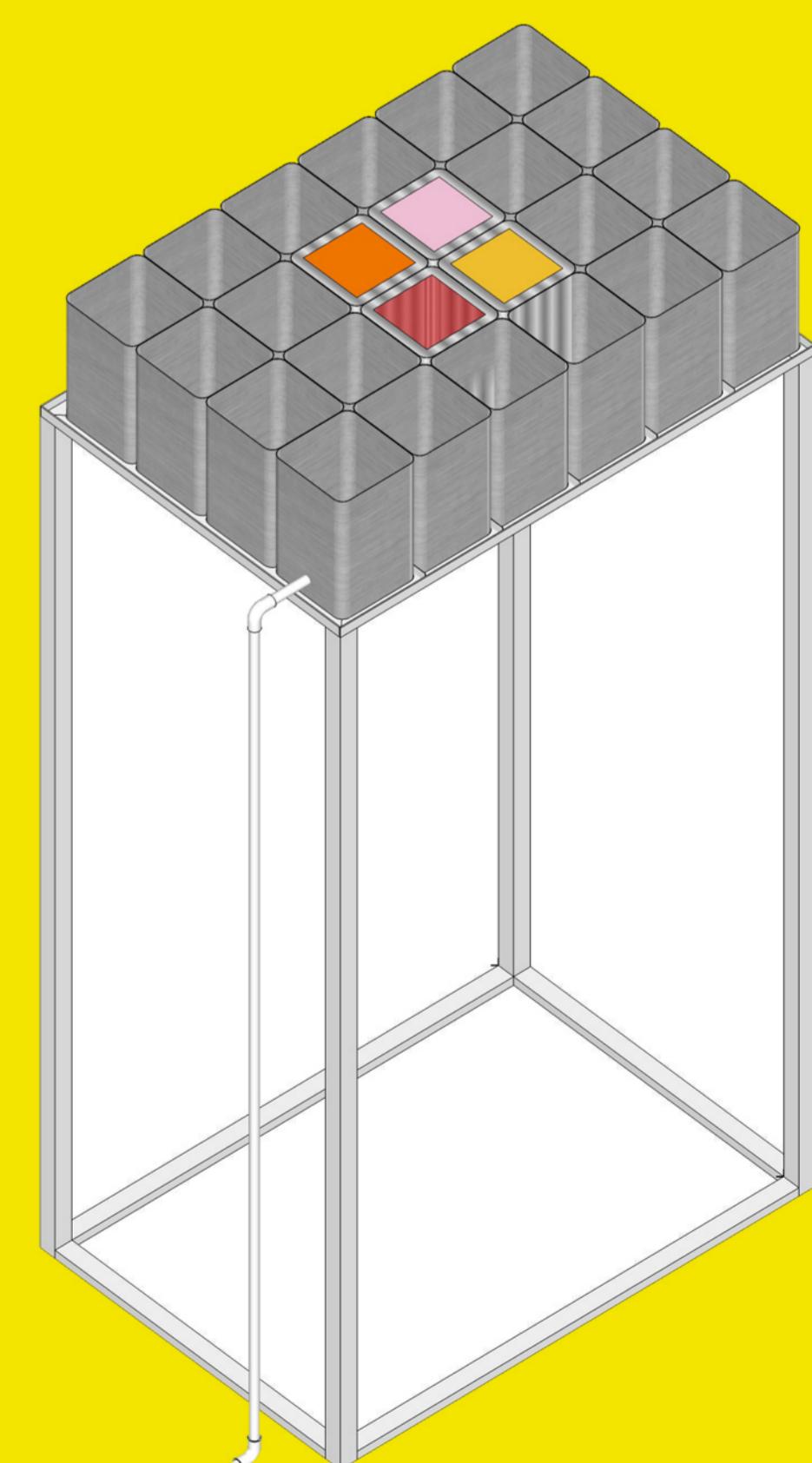
Repetitive Units



Colorfull skylights were added



M.S frame base



Final Module with water inlet