BOSCO

CallisonRTKL Sustainability Design Slam





Project Pitch

the proposal revolves around a central tower, where a vertical forest is created, architectural concept that replaces the traditional materials on urban surfaces using the changing polychrome of the leaves of its walls. The biological architect is based on a vegetation screen, the need to create a microclimate and a suitable sunscreen, and reject the narrow technological and mechanical approach with environmental sustainability.

In the north plot is surrounded the tower develops a linear block of low height that creates an interior block protected from the noise of the streets, and to mitigate the noise of the train we created a tunnel.

In the south plot are proposed 4 linear blocks with east west orientation to optimize sunlight, playing with the different heights to enhance the views and establishing a commercial element of 1 single height parallel to San Leandra St to protect us from noise.

Computational Design Training 2022

DESIGN SCORE: 94