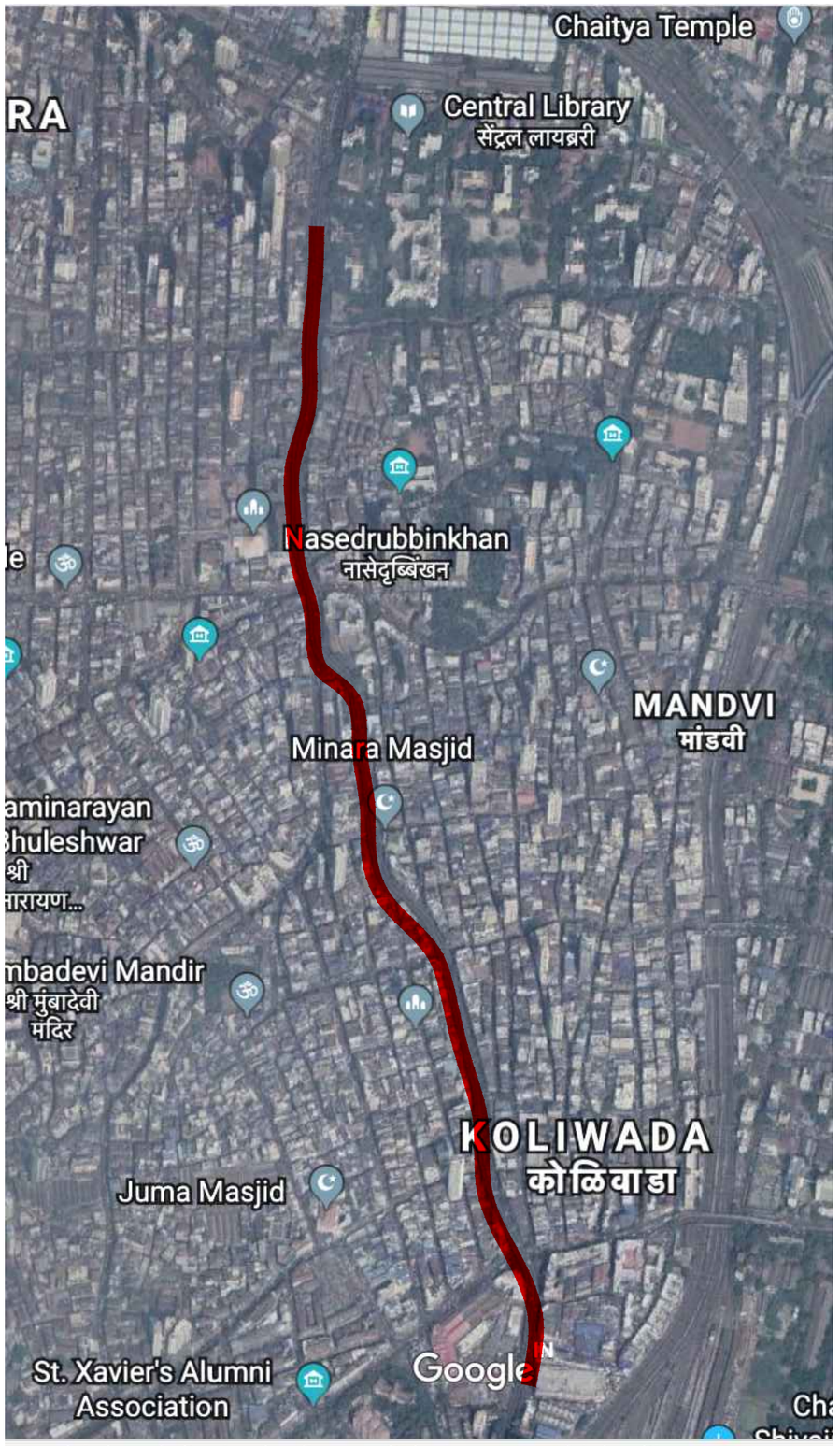
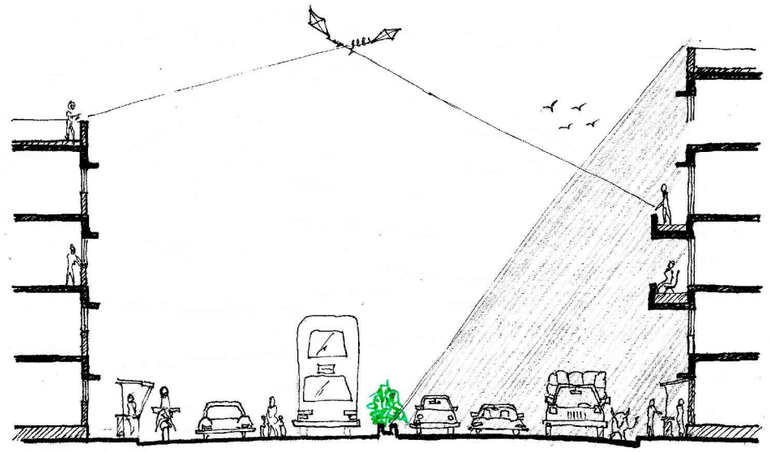
showing proximity of flyover to adjacent apartment buildings

view of flyover from adjacent buildings

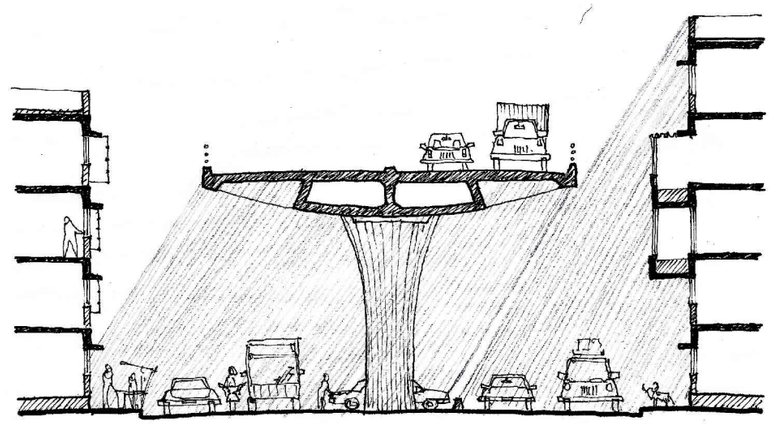
view of leftover space under flyover from street below



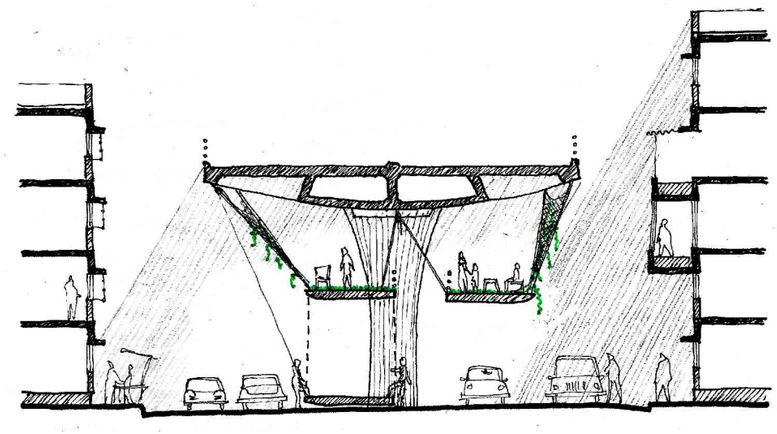
aerial view of city showing flyover within dense urban fabric with no open spaces



section through street before flyover construction



existing section through street after flyover construction



proposed section through street showing intervention

context and solution

left over under the 'over

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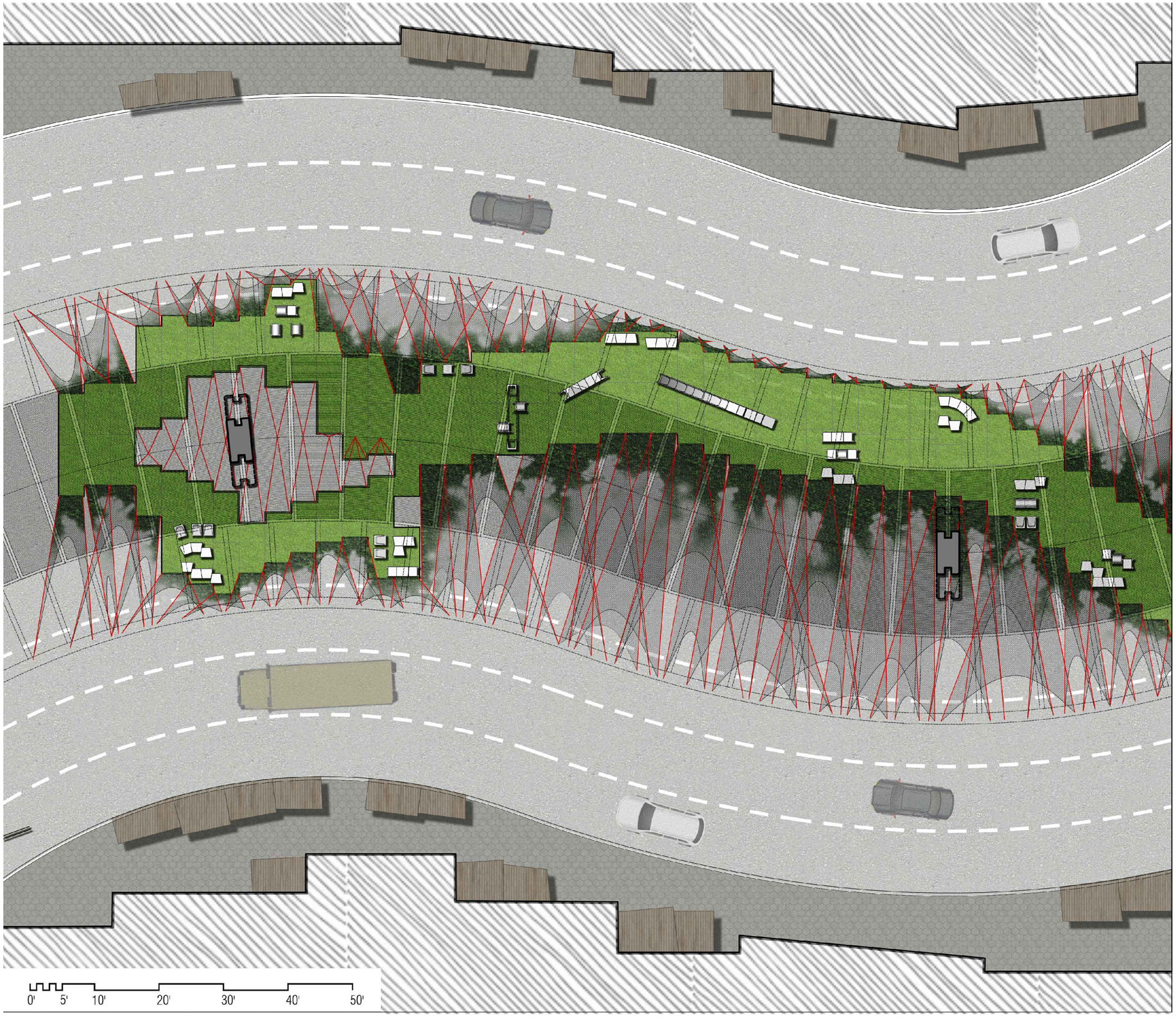
competition payment ID: MOJO8112005A47120274

the plan at proposed deck level shows how the modular 4'x8' precast concrete decks combine together to form a public plaza, giving back open space to the public, a rare commodity in mumbai. the surface of the deck is covered with artificial turf, which requires no maintenance, is easily replaced and can be used in the shade, unlike real grass.



schematic plan at proposed new deck level

left over under the 'over

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the view from street level shows the underbelly of the proposed precast concrete decks, with their cast-in sleeve holes serving as surface drainage as well as a lego-like fixing mechanism for the modular outdoor furniture fixed above

street level montage

left over under the 'over

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the sectional perspective at the proposed new deck level shows how the intervention maximizes utility of the "dead" or "leftover" space under the flyover, with steel tension rods used to suspend modular 4'x8' precast concrete decks under its belly, creating an elevated park/ walkway. the space between he tension rods is covered using galvanized steel mesh, which besides acting as handrail also allows creepers to grow up over it, giving privacy to residents and greenery to both sides. besides staircases at regular intervals, the design features designated decks which can be lowered using a counterweight pulley system. the modules combine together in various ways to form benches, tables, chairs, children's play equipment such as slides, swings, see-saws etc.

deck level sectional montage

left over under the 'over

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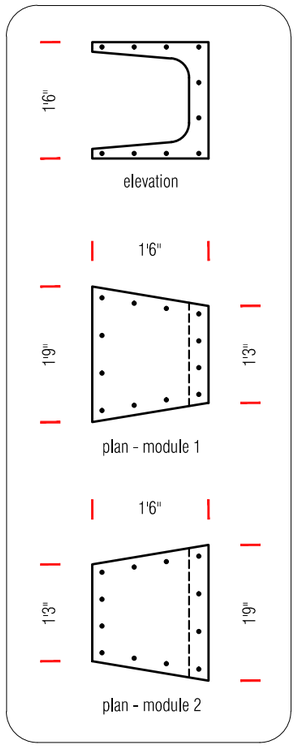

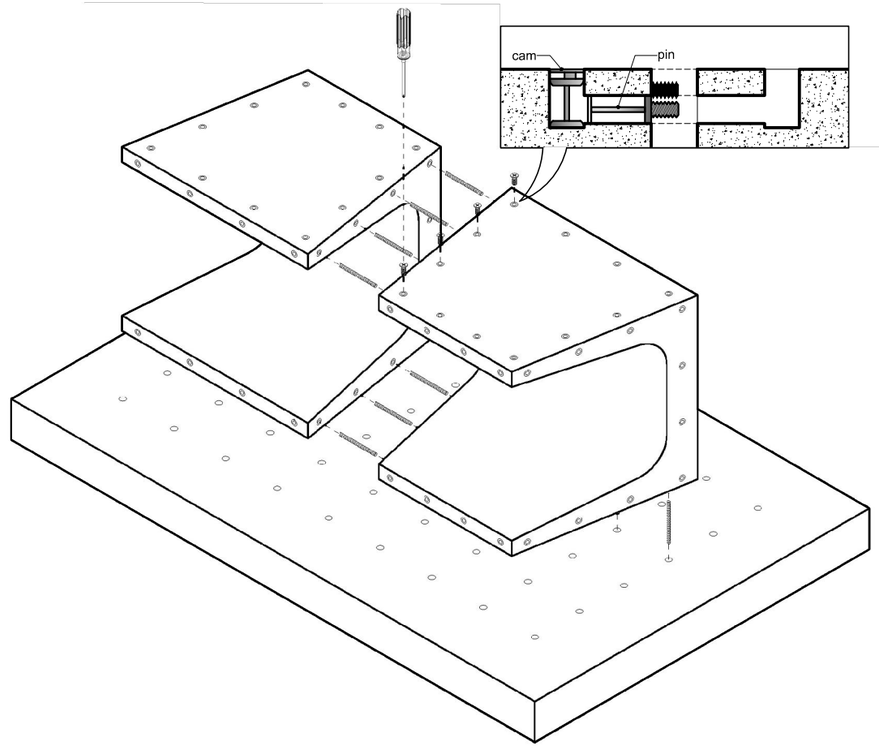

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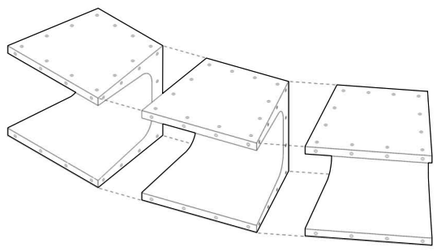

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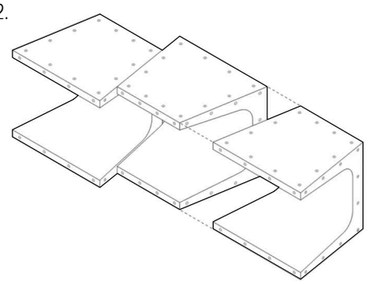

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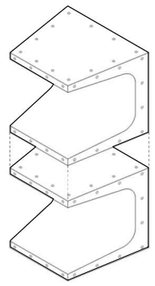

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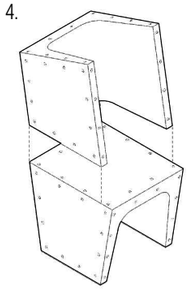

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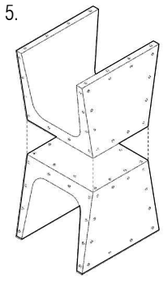

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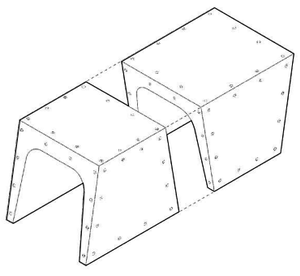

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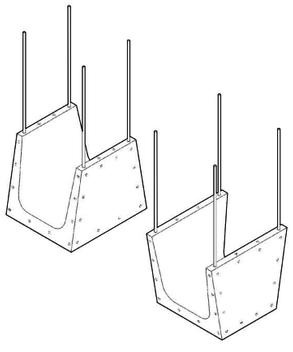

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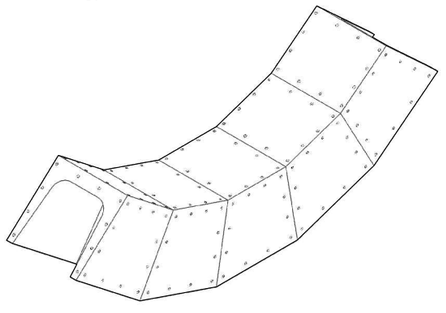

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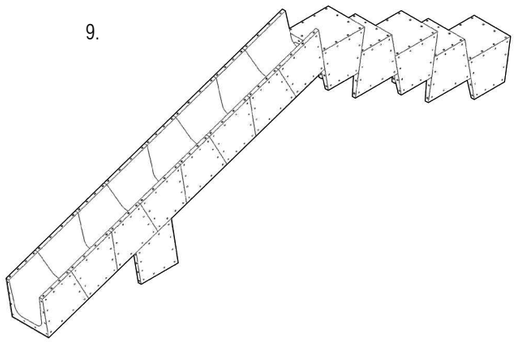
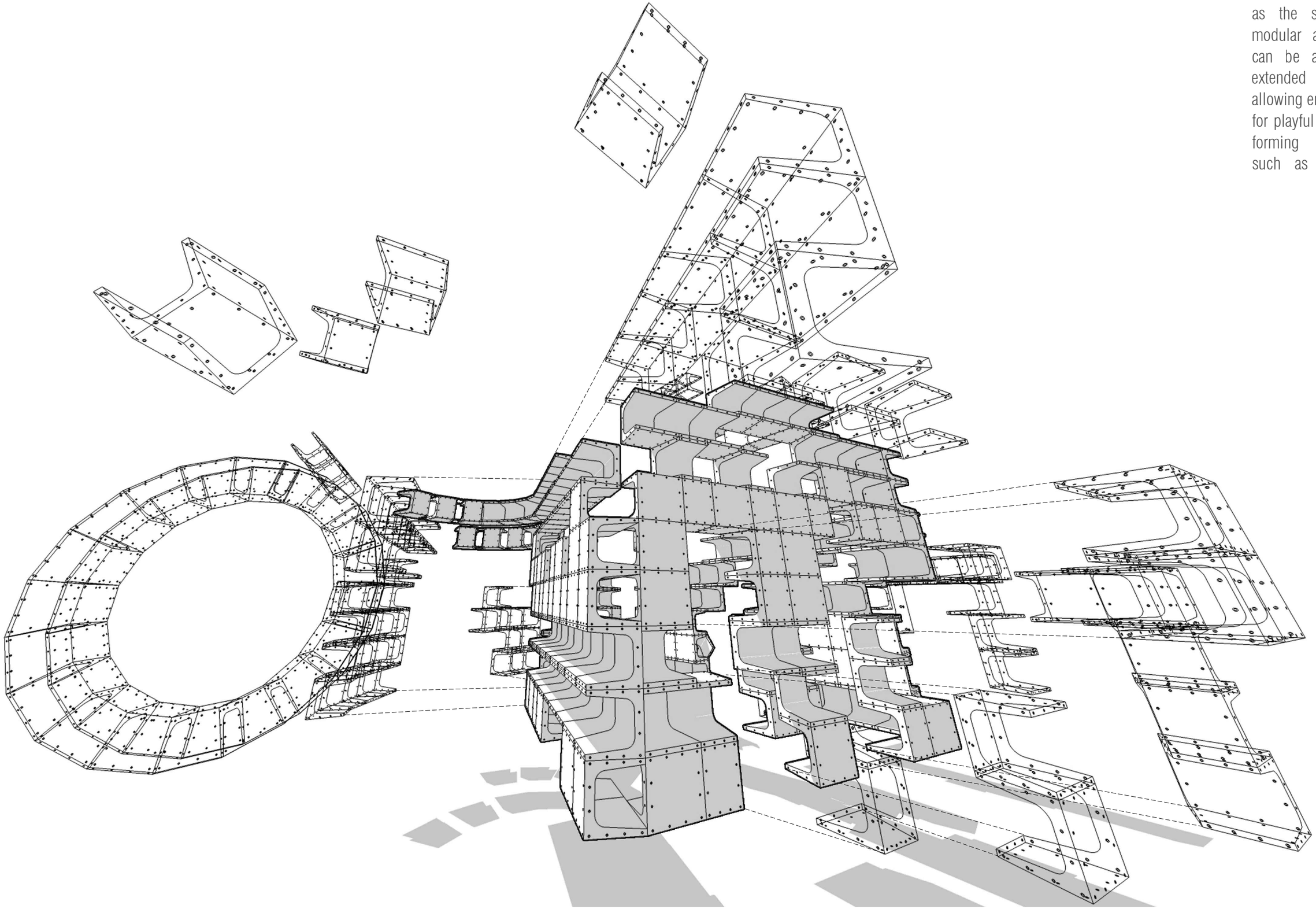


the elementary building block is C shaped , with the two modules being mirror images of each other. they are proposed to be made of glass-reinforced concrete, which was chosen for its light weight, hardness, ease of replication through casting in moulds, and offers options for decorative finishes by using coloured marble/ glass chips. precast threaded sockets and mini-fix fittings from modular furniture allow quick and easy assembly and dismantling.

as the system is sturdy, modular and lightweight it can be almost indefinitely extended along three axes, allowing endless possibilities for playful urban inserts,even forming habitable spaces such as kiosks, galleries, pavilions etc



furniture modules

left over under the 'over

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