

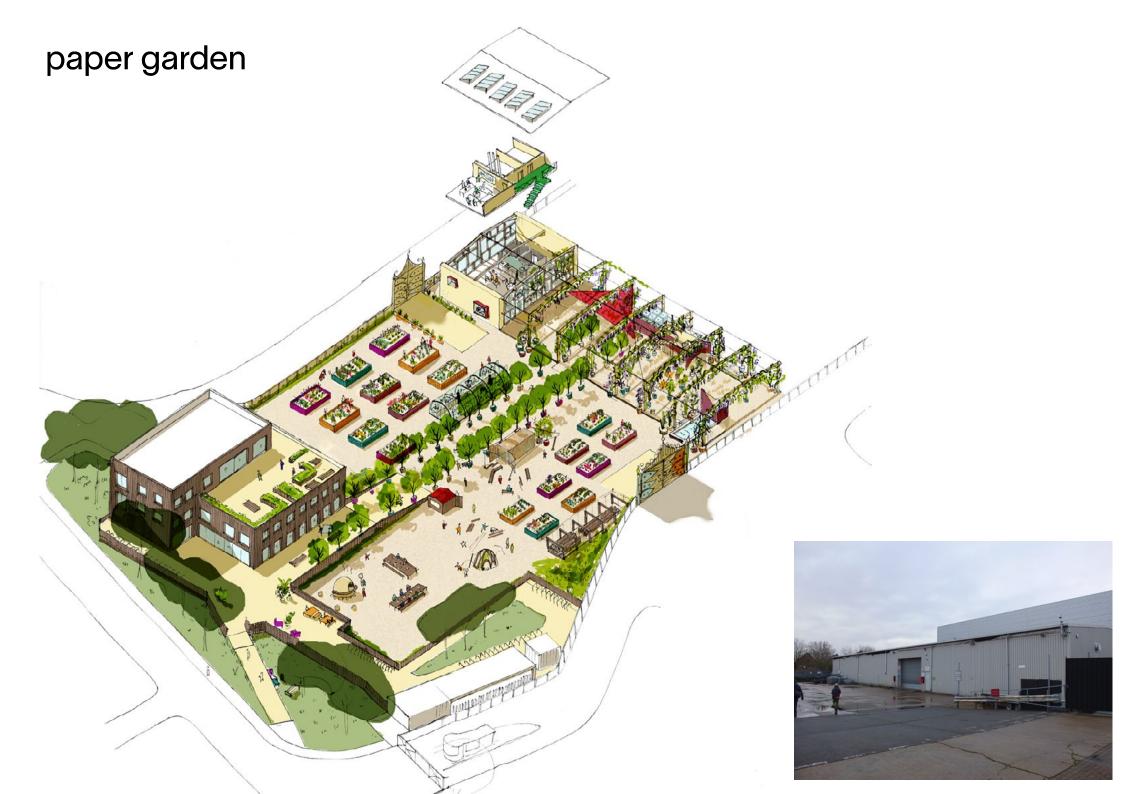
Building with what you have is regenerative in that it mobilises local resources to responds to civic and environmental objectives.

It makes use of existing buildings, abundant materials and available skills.

The Paper Garden is part of the Canada Water masterplan which is set to deliver 3k+ homes, work and leisure space, retail and biodiverse parkland.

Whilst the masterplan is implemented over the next decade, the garden creates a space where existing and new communities can grow together.













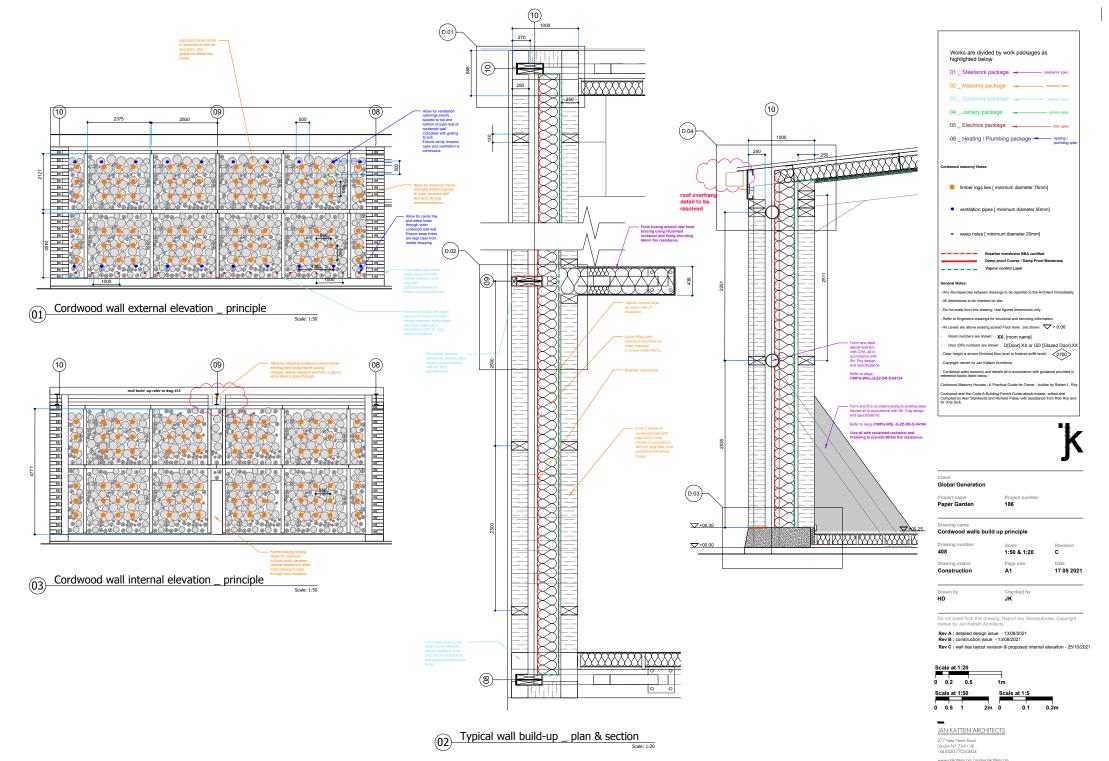




We are promoting environmentally responsible urbanism through participative construction efforts and collaborative design processes.

Circular economy principles are a means to reduce material consumption but also to engage and invest others in the project.





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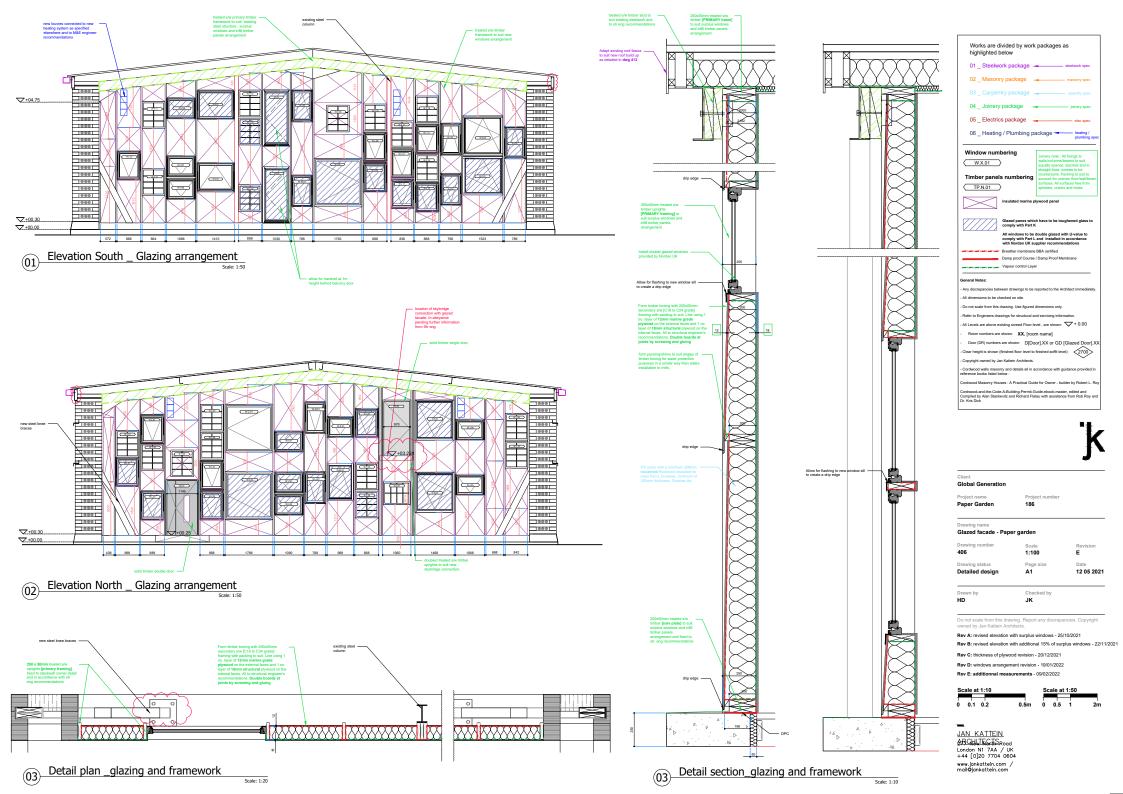
The design iterates during construction to account for materials and skills becoming available and to incorporate the lessons learned from the production of prototypes.













RECLAIMED MATERIALS

RAW MATERIALS

SURPLUS MATERIALS

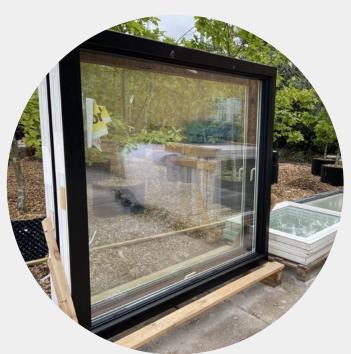
300 railway sleepers
200 doors
50 sqm of floor decking
2 disabled toilets kits
5 kitchen appliances
2 steel trusses
3 steel staircases
50 shuttering boards
200m of s/w timber
battens

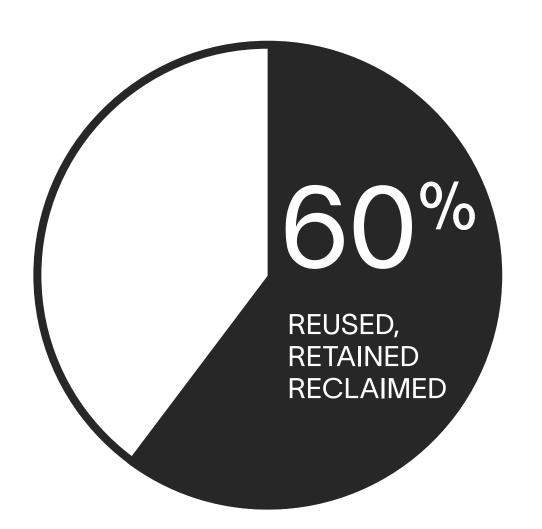
150 m3 Norwegian
Spruce from Epping Forest
150m3 of fire wood
8 tonnes of lime

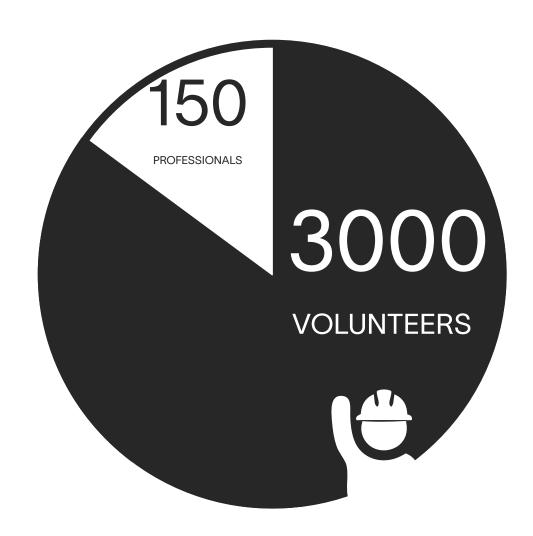
100 donated surplus stockwindows50 donated surplus lightfittings







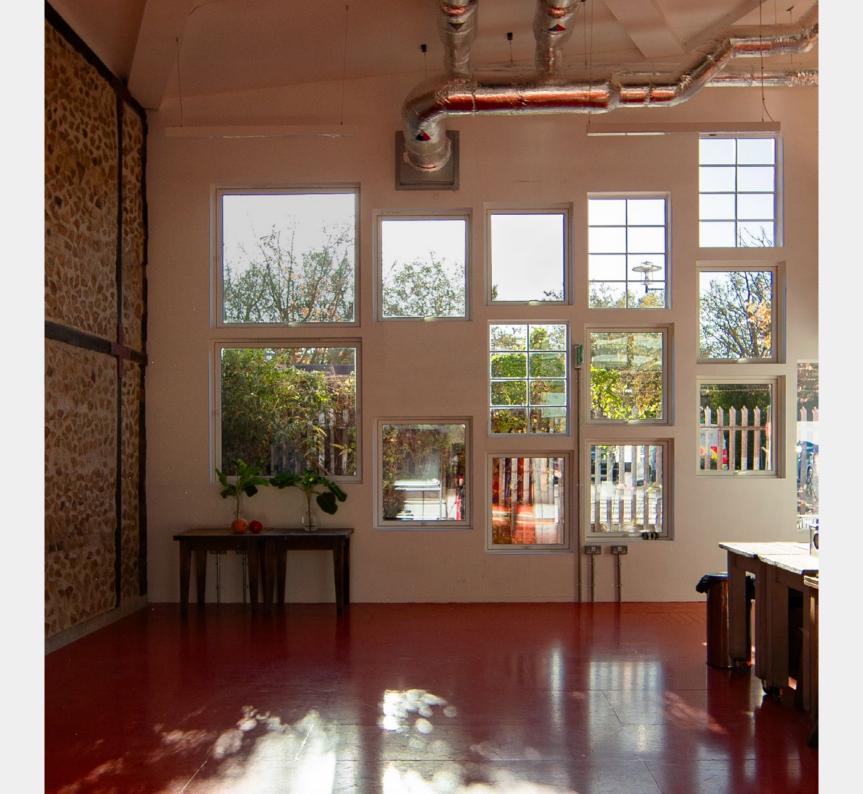






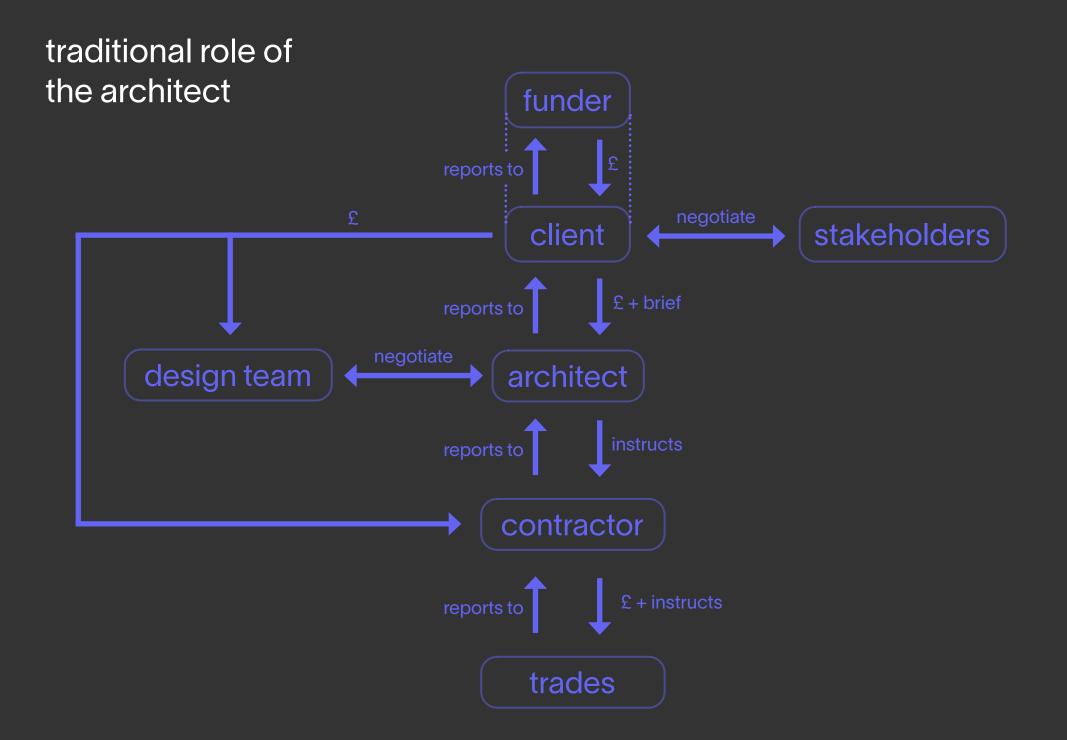




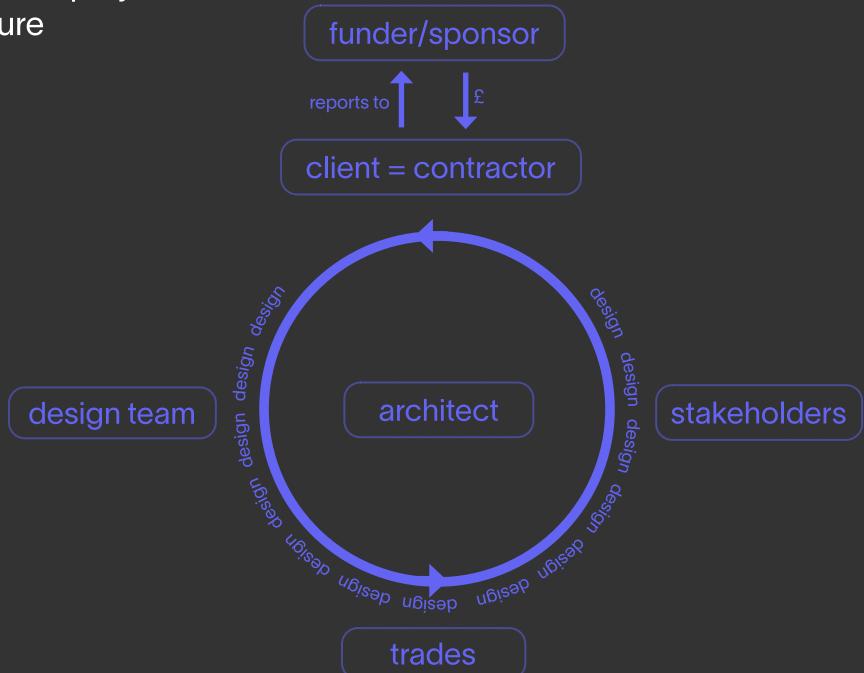








integrated project structure



The Paper Garden is a piece of true civic infra-structure that realise educational-, social-, environmental and placemaking objectives for communities in Canada Water. We hope that this project will become an inspiration for all those involved in designing cities.



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