# green energy trees

architecture landscape art

#### **Green Energy Trees**

## **CONFIDENTIAL** – please do not publish

Notting Dale Heat Network

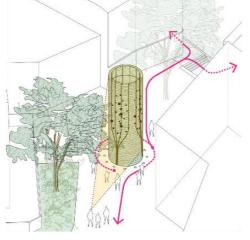


### The Green Energy Tree Thermal Store

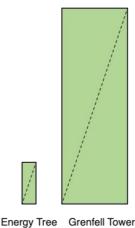
Inspired by the much loved tree at the heart of the site, our proposal, the green energy tree, raises the thermal store into the air, to optimise transparency, visibility, and street safety. Three columns split into twelve branching supports. Cladding the tank is mirror polished stainless steel sheets, lighting and a perforated, laser-cut, corrugated steel screen with Dichroic powder-coated paint. Fresh green on the outside, on the inside the screen is a gradient of colours to educate people on the temperature gradient in the thermal store, visible as people look through the perforations and see the mirror. To host seasonal community gatherings, a soft, meditative "breathing light" rhythm programme is developed in consultation with residents.



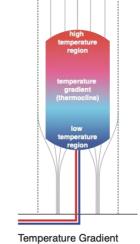




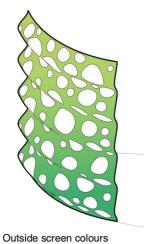
Community beacon



Community symbol



Educational tool





Informative and interactive



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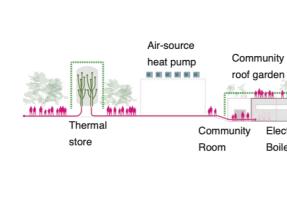


#### The Floating Island **Renewable Energy Centre**

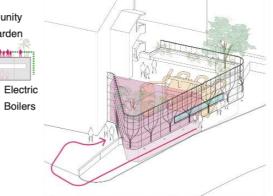
Camelford Walk Boiler building is refurbished with the new community centre at its roots and the existing community garden at its tree-top, and a window that invites views into the inner workings of the new energy centre. Access to the community room is through an improved landscape on the lower level. Through responsive inner and outer lighting, the "netcurtain effect" enables the screen to appear and disappear. The delicate structural artwork is responsive, informative, and interactive, using minimal material and integrated with gentle lighting. Together with the thermal store and the landscape, they create a holistic, integrated community symbol of hope that tells a story of positive growth and of a shared future with affordable and renewable energy.

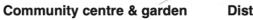


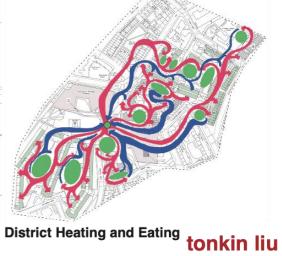
Community energy hub

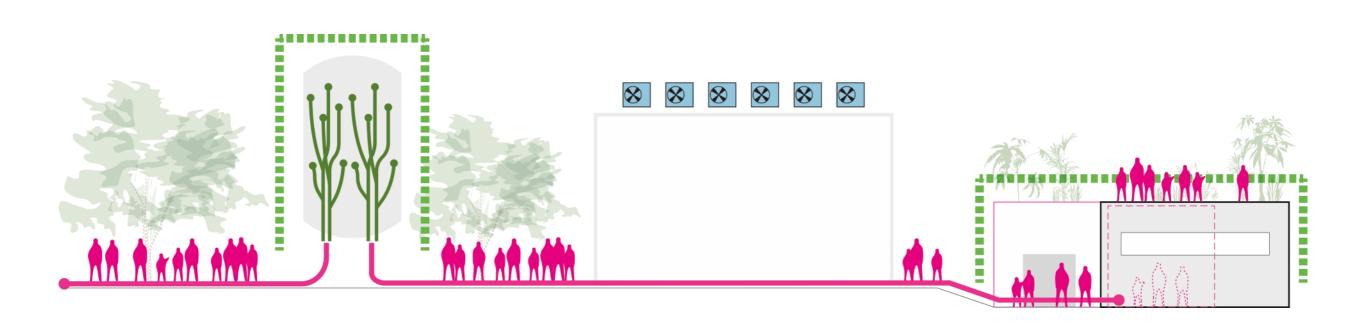


Landscape of energy and people

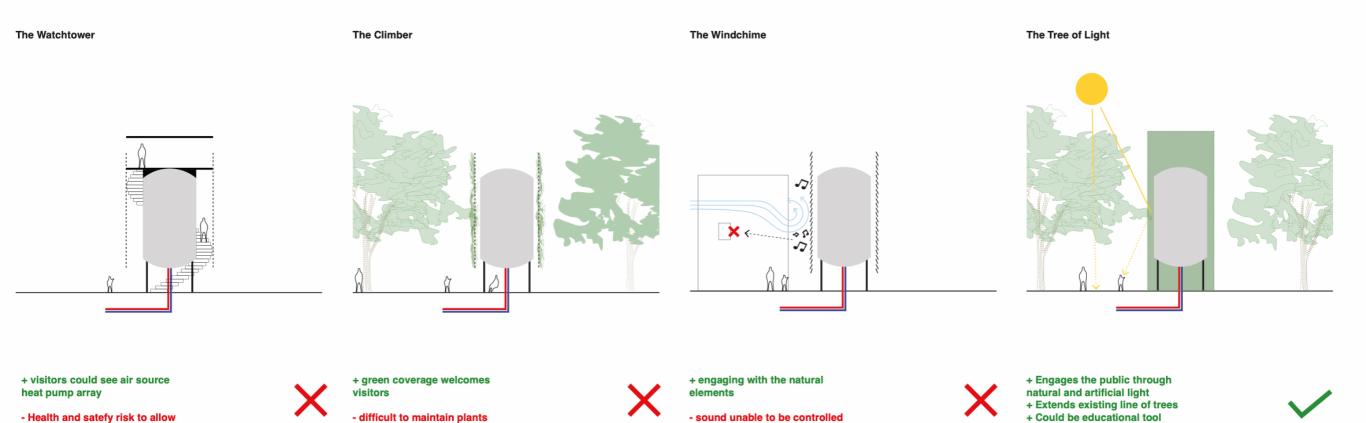












- too close to nearby residential

properties

explaining thermal gradient

- plants will blend in to

will not be visible

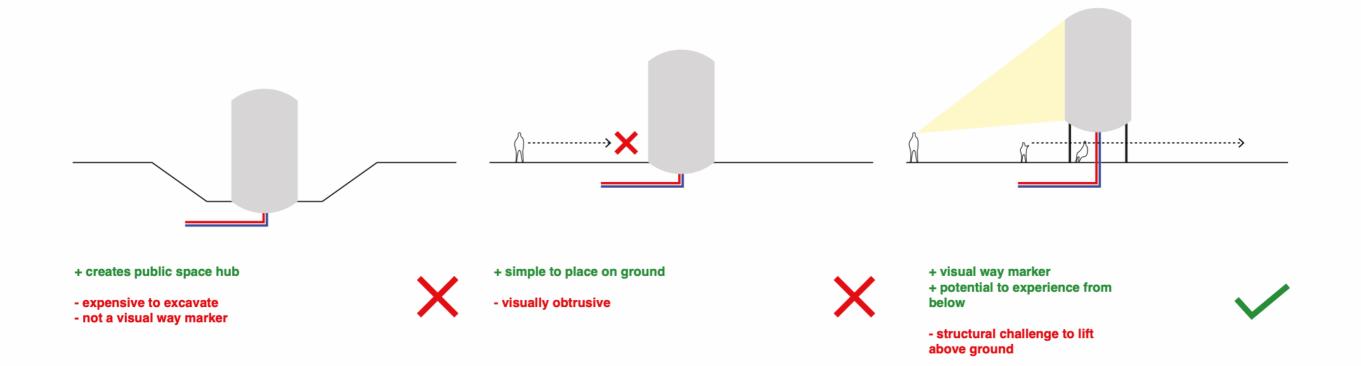
surrounding trees from afar so

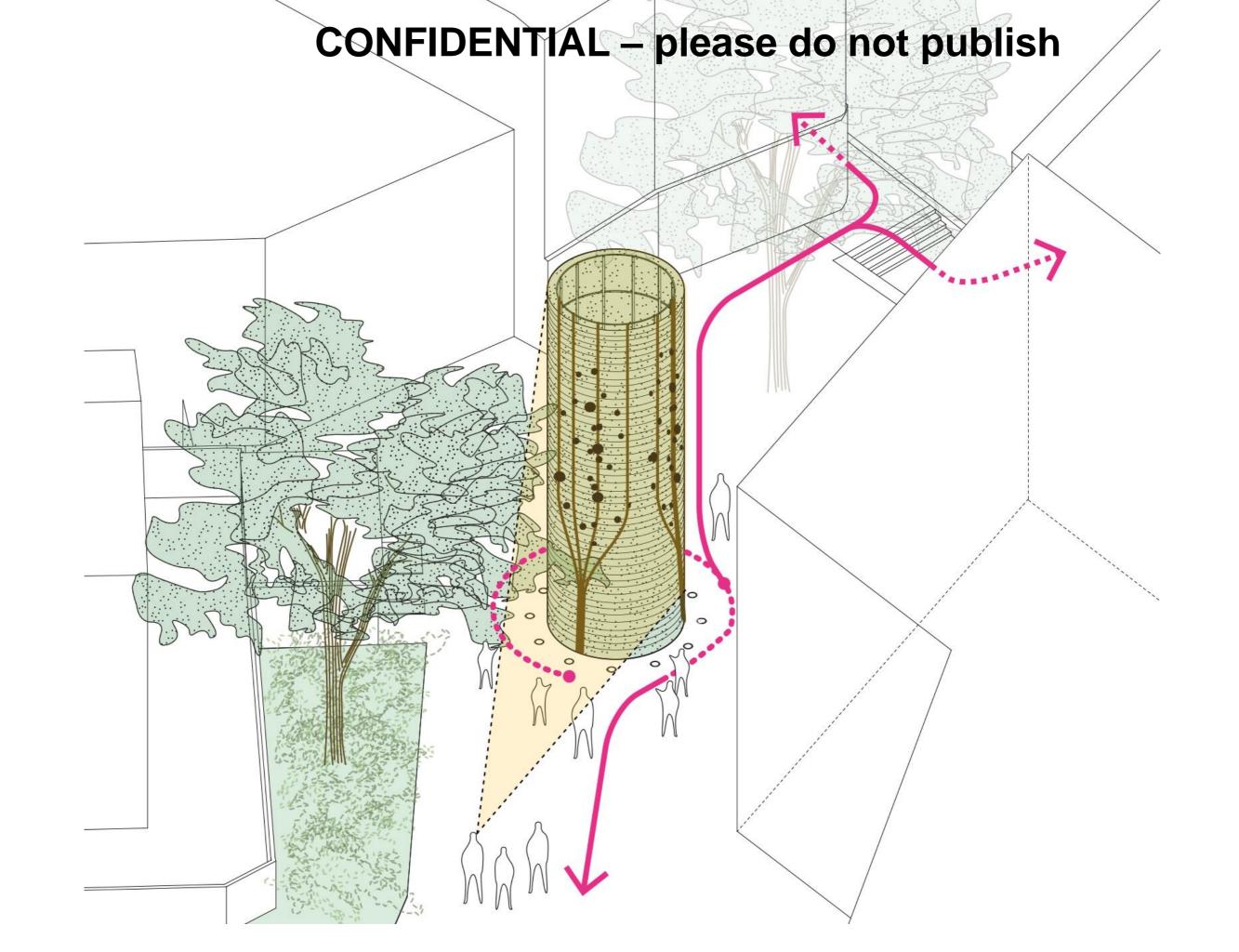
public access

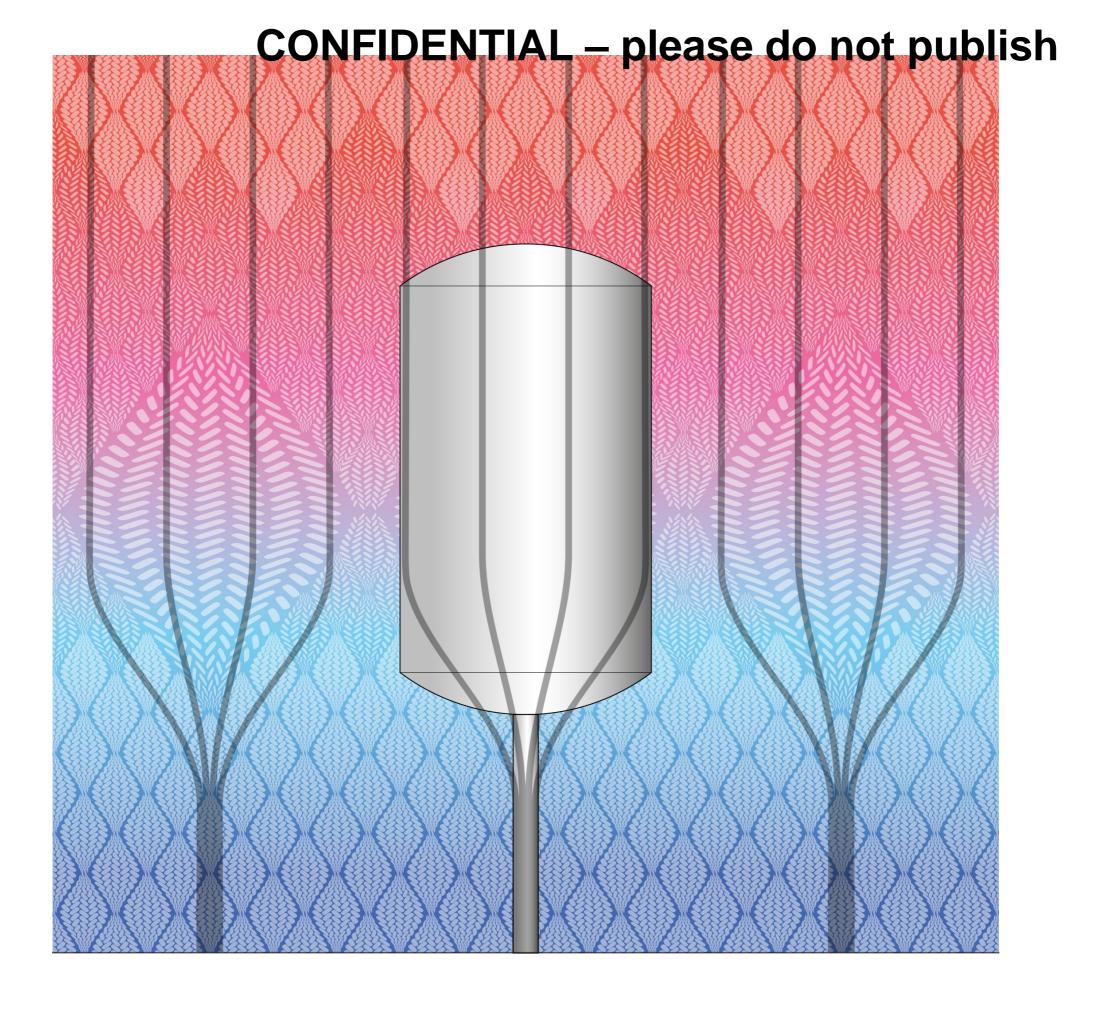
is unfeasible

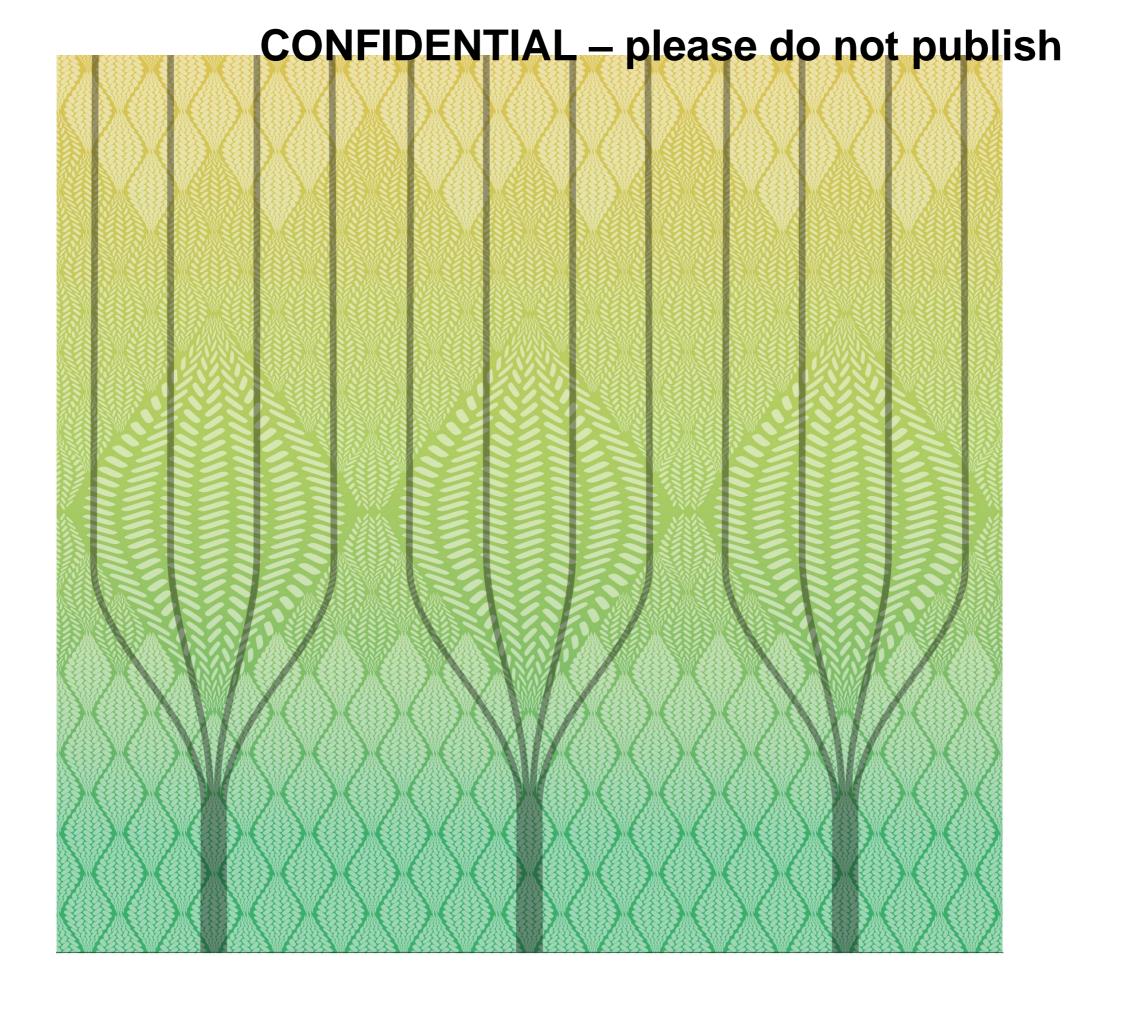
- Public access may require full

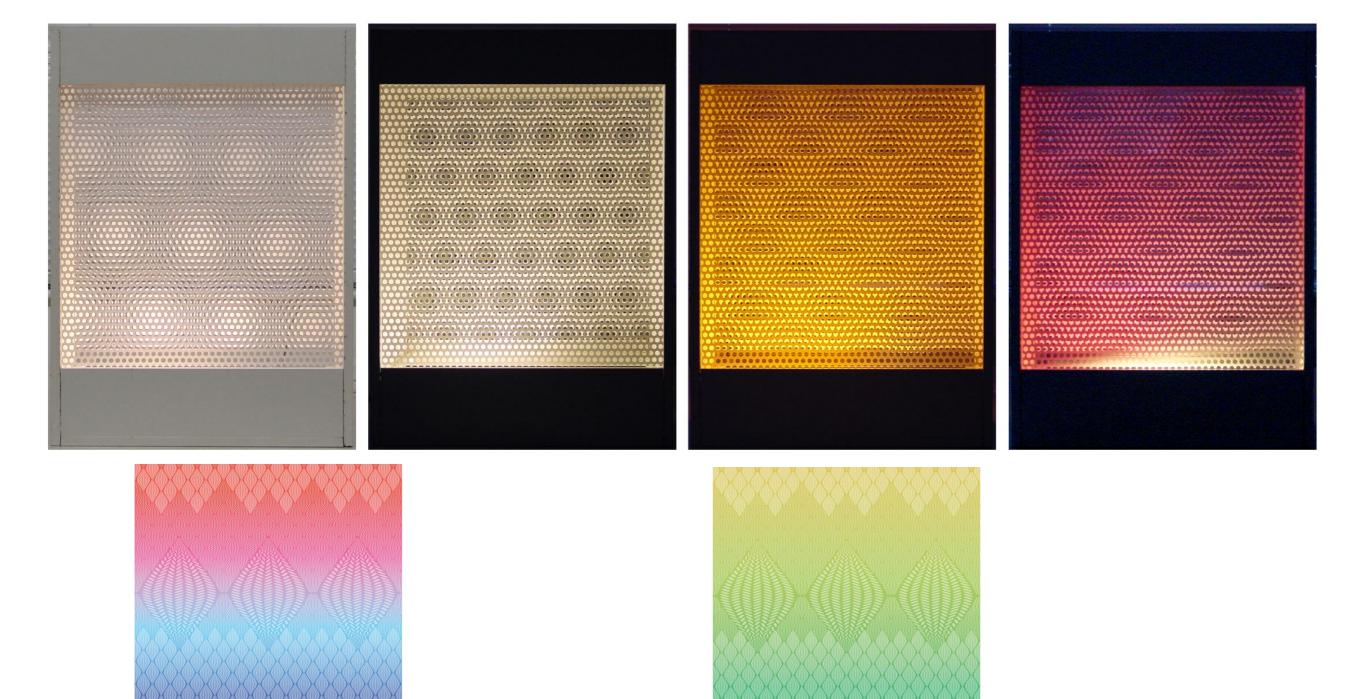
time monitoring on site, which



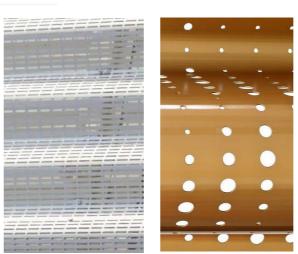




















## Thank you

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