

# Our proposal is based on the 4 tenets of sustainability.

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## 1. Environmental

We first seek to build the least we possibly can, to produce the maximum benefit (viable workspaces for the end users and ancillary support spaces). A lot of time has gone into moving the studio spaces around to minimise developed area while maximising the potential studio space for the centre. Next, we made those spaces as efficient as possible both within the embodied carbon of creating them but also in their usage and eventual decommissioning. Hence the regular stacking, it may not be as exciting, but we feel the community has such inherent value that we don't need to make a whacky building. One item to contrast and celebrate the regularity is the vertical container, this is designed to create a vertical signpost, a pin which holds the scheme into the site and defines both its own space and those which surround it. Finally, we try to bring the maximum number of extra benefits with the development – biodiversity and connection with nature, each space will be appraised to balance the need for human and green space bringing and improving green corridors into the existing hard landscape of the site's core.

## 2. Economic

Krowji is a business, the more money it makes the more it can support both itself and the arts community as well as the wider development of the CPR region. We're looking to streamline the creation of the units to allow affordable and sustainable rent, the more efficient we can make the form of the development the more we can help Krowji fly.

## 3. Social

Art encourages community cohesion and reduces isolation. It makes us aware of the world around us and how we influence and react to each other. The value of art in society is too great to quantify. It not only proves who we are, but it educates us about our past and our path forwards. We see this project as an opportunity to further engage the wider community by signposting Krowji, making it more visible and ultimately allowing a sense of ownership in its existence within the wider CPR area.

## 4. Human

Human sustainability encompasses the development of skills and human capacity to support the functions and sustainability of the organisation and to promote the wellbeing of communities and society. Krowji's success is built on its community, the support networks formed strengthen everyone. The units have been designed into clusters with each having a range of external spaces surrounding them allowing a diversity of use throughout the year and encouraging people to interact more.

## **6 Metre Studio Container** - Page 3 of 5 - Krowji Phase 3 Design Sheets

The 6m Containers allow a greater degree of isolation than the 12m subdivided units and a greater amount of daylight can be facilitated in the units if both ends are glazed. The roof has a single 6m green roof cassette and each unit would have its own power and water/sink etc.

## **12 Metre Studio Container** - Page 4 of 5 - Krowji Phase 3 Design Sheets

The 12m containers will allow flexibility to either be rented as a single unit or to be subdivided between two tenants, allowing varying sizes of studio beyond the standard container sizes. Each unit would have the ability for back to back sinks on the partition line using the wall to carry the wastes and supplies to the edge of the container before joining the main systems. Two of the 6m green roof cassettes can be installed to improve the insulation of the roof minimising unwanted solar gain in the summer and heat loss in the winter. An MVHR unit is shared between the two allowing fresh air and minimising the risk of damp forming on the metal walls.

## **12 Metre Communal Space Container** - Page 5 of 5 - Krowji Phase 3 Design Sheets

The Community unit will house a kitchen and social space at one end with a large opening cut into the side of the container and a series of accessible, baby changing and ambient toilets at the other. One of which will be accessed from the kitchenette area to minimise any public usage issues that could occur during more busy events.

