

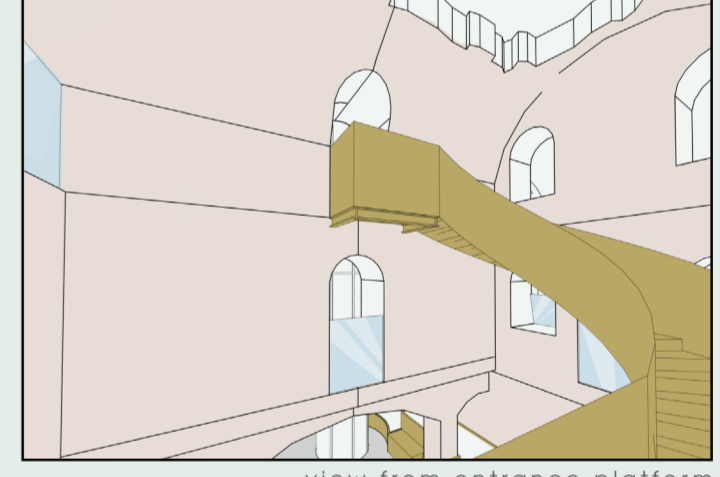
“PROTECTING CHATHAM”

b.AR centre is a response to the current lack of support for vulnerable adults, including the homeless and domestic abuse victims, within Chatham. I investigated the nature of homelessness, the cycle of material deprivation and emotional isolation which must be address if individuals are to successfully improve their circumstances.

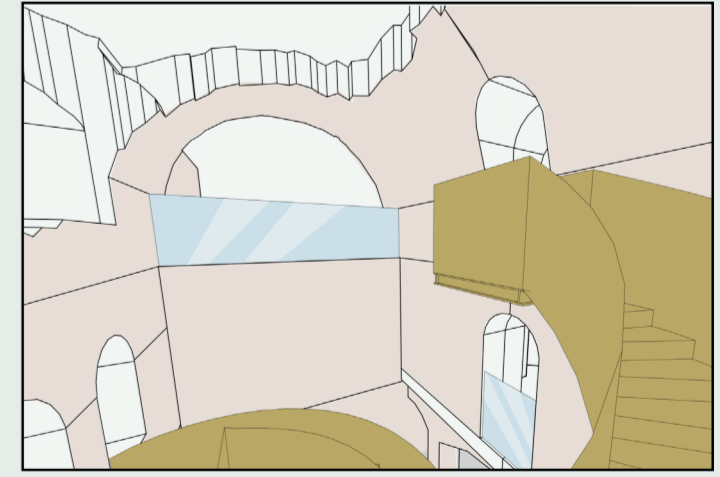
b.AR centre, provides an opportunity for at-risk individuals to re-establish themselves as part of a safe and supportive community where they will gain a sense of belonging and acceptance. The spaces designed facilitate mutuality and develop a human ecological system in which each person is acknowledged and valued in their own right and empowered to help and be helped.

My proposal occupies Prince William’s Barracks, a building that was created to protect Chatham. My intention was to conserve and focalise the existing with minimal intervention and adopt sustainable methods, reusing materials taken from local redevelopment in and around Chatham.

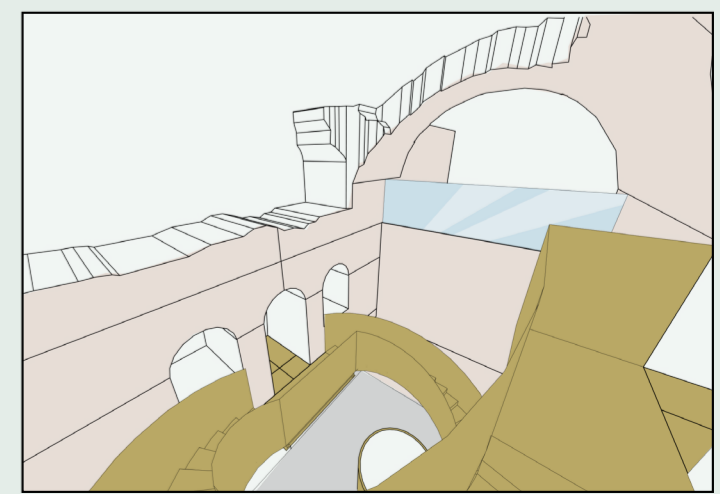
GROUND FLOOR COURTYARD ENTRANCE



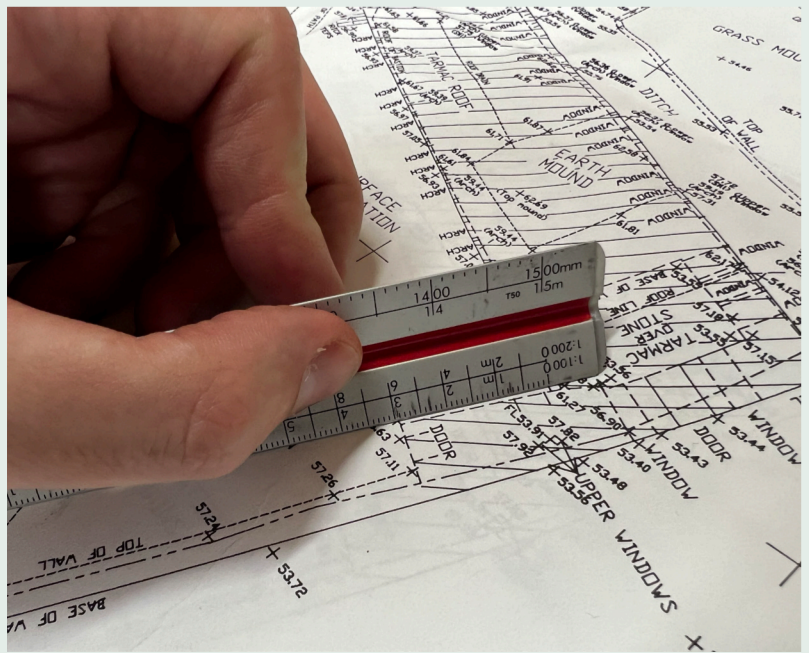
view from entrance platform



mid-stair up to entrance door



view down three story courtyard



Site Scouting
While exploring Chatham to understand the local landscape, demographic and scout for a site locations I found the derelict Prince William’s Barrack building.

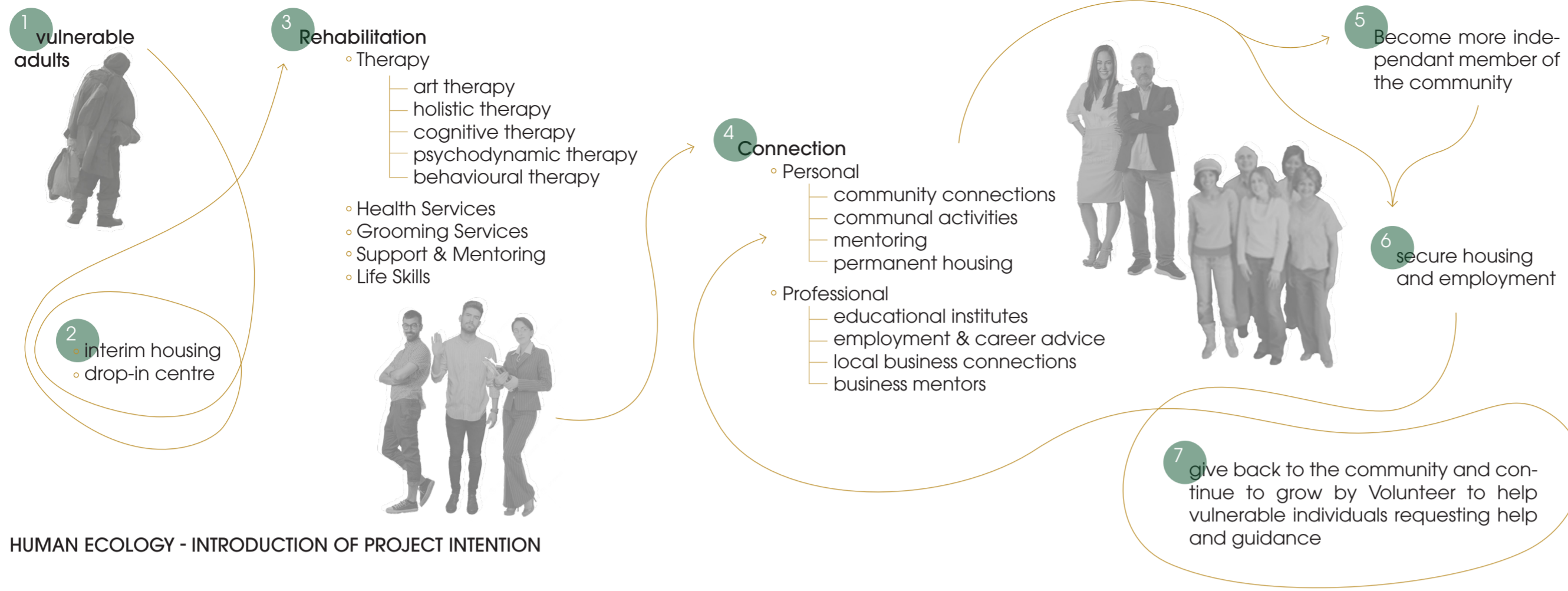
I contacted the Fort Amherst Trust and managed to gain access to the Archives where they have all historic drawings and surveys dating back to the beginning of the 20th century. All of the drawings were completed in the imperial system which i converted and perfected based on a couple visits to the site.



Chosen Site
I made the decision to use the site partly because i believe in re-using existing building stock and i feel structural constrains can develop more interesting designs. I also appreciate the history of the building and its connection with the surrounding lands.

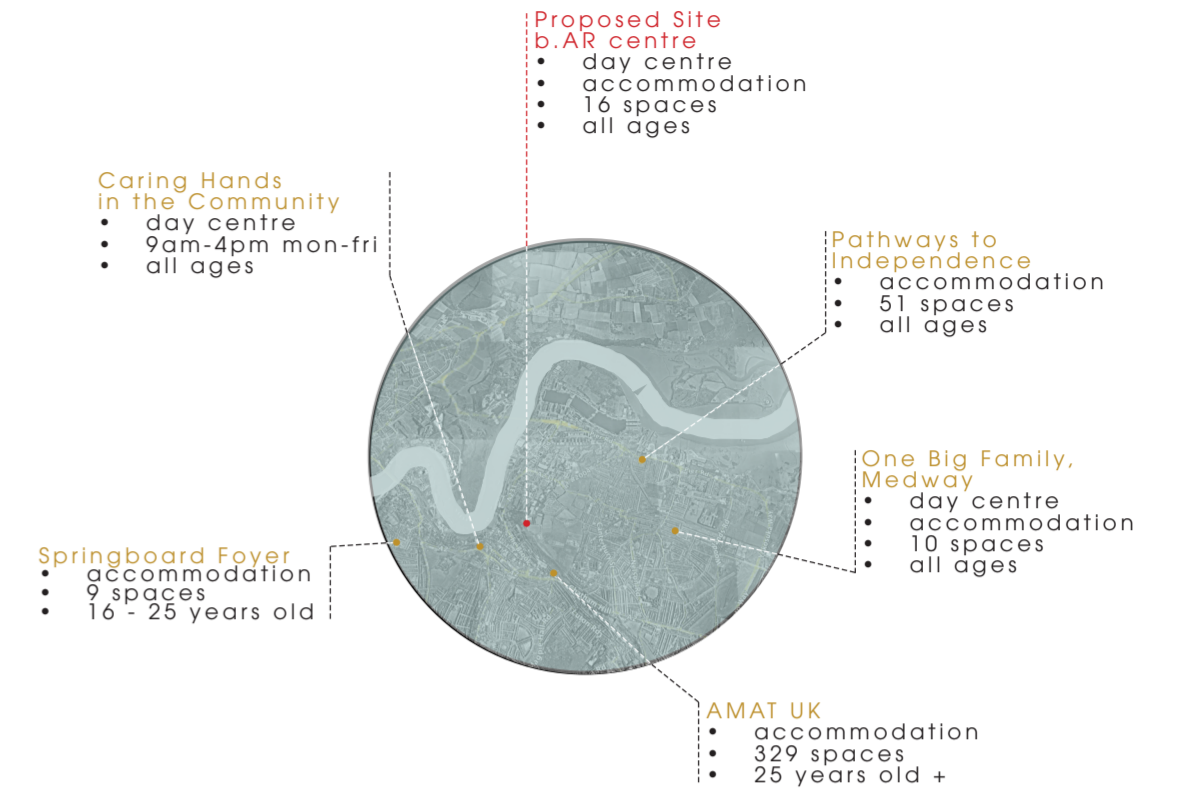
The barracks building was once built to protect Chatham, then was abandoned when the original purpose was no longer important. In many ways it has a perfect synergy with Chatham and neglect of the town after Royal Navy moved production to the south coast.



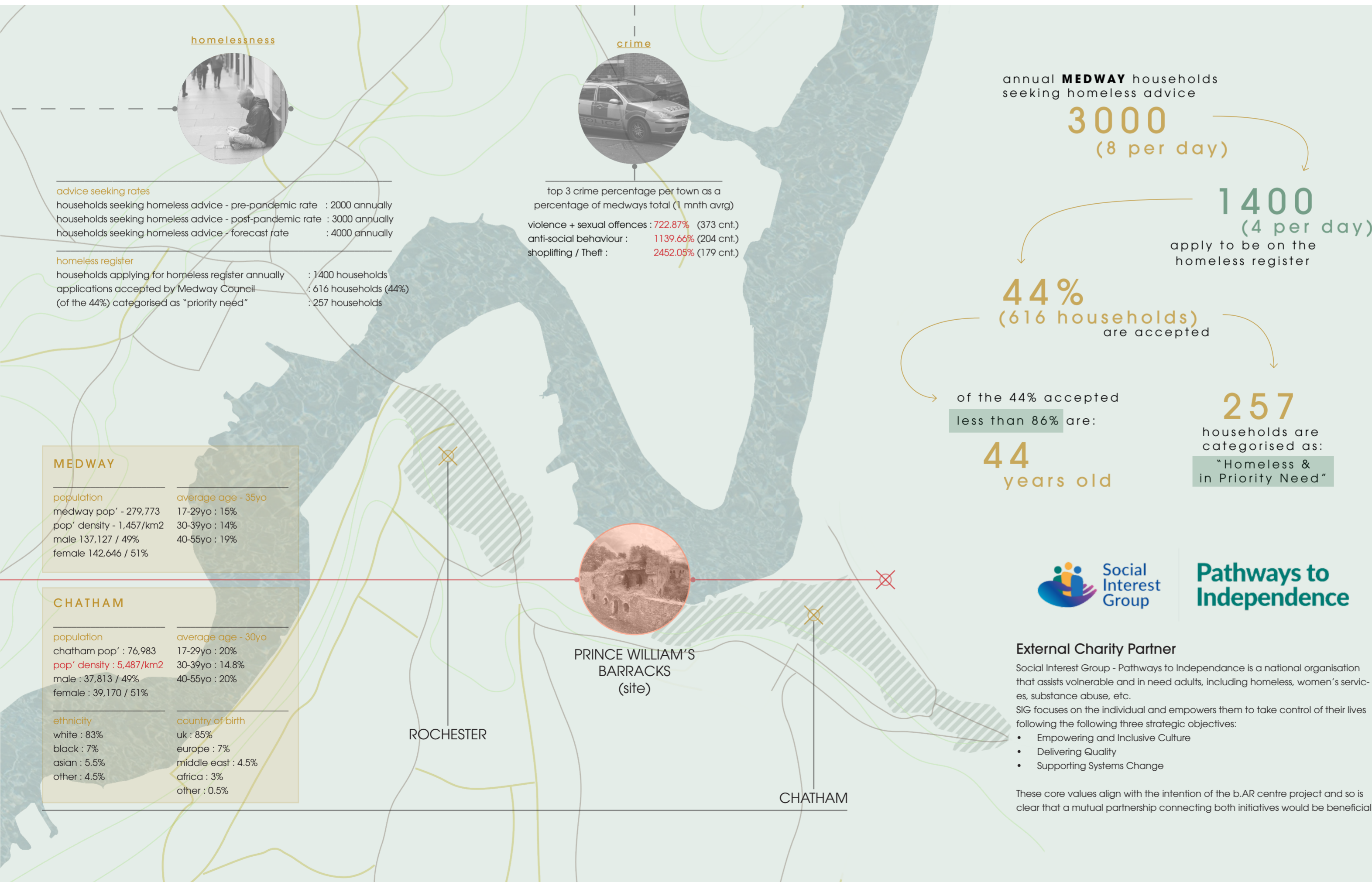


HUMAN ECOLOGY - INTRODUCTION OF PROJECT INTENTION

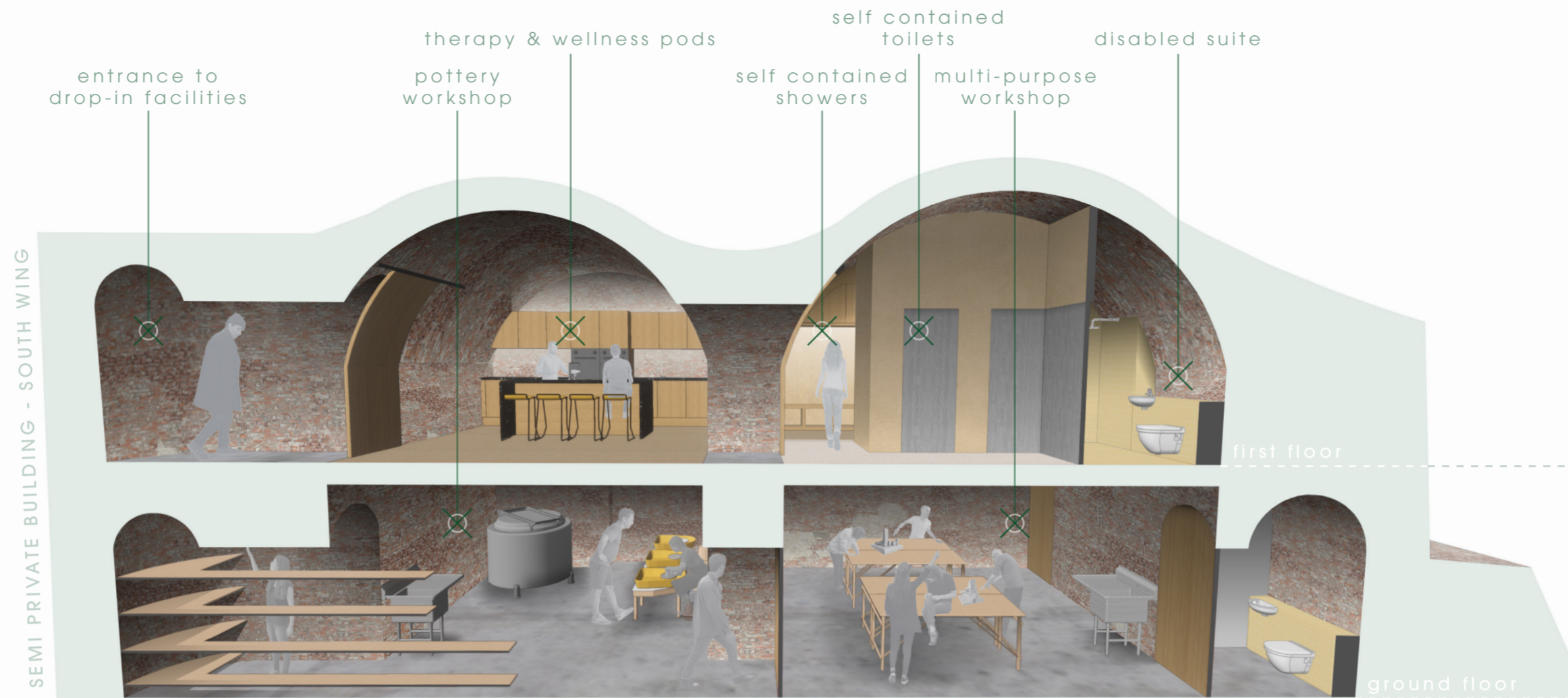
EXISTING AT-RISK/HOMELESS SUPPORT EVALUATION



Charities & Organisations within 10 mile radius of Chatham



	Caring Hands in the Community	AMAT UK	Springboard Foyer	SIG Pathways to Independence	One Big Family, Medway	Proposed Site b.AR centre
accommodation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
day centre	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
food	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
showers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
laundry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
clothing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
health service	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
substance abuse advice service	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
mental health support service	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
job / benefit assistance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
training / education service	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
scheduled social activities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
operating hours per week	35	90	168	168	84	168
age limits	<input checked="" type="checkbox"/>	25+	16-25	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



PROGRAM

1 THERAPY / WELLNESS PODS

- used by therapeutic practitioners to provide healing and wellness services.
- one pod assigned as a pop-up clinic, Dentistry and grooming for residents and drop-in users.

the overarching driver for the project is to intertwine different communities throughout Chatham, including at risk individuals who often feel cut off and alone.

by creating a program that brings different groups of people into a safe and nurturing environment it encourages new connections and generates long-term solutions to the negative cycle many homeless and vulnerable adults find themselves in

2 DROP-IN CENTRE

- for homeless people who are not yet housed, to use showers, W/C, kitchen and laundry facilities.
- postal boxes and attended on-site facilities as part of the help centre.

3 INTERIM HOUSING

- for homeless and at risk individuals, housing them in a safe space for a short period of time while a more permanent situation is achieved.

4 MAKERS MARKET

- the markets are located inside the main building, all individuals can sell their goods to generate a main or secondary income.

4 THE KITCHEN

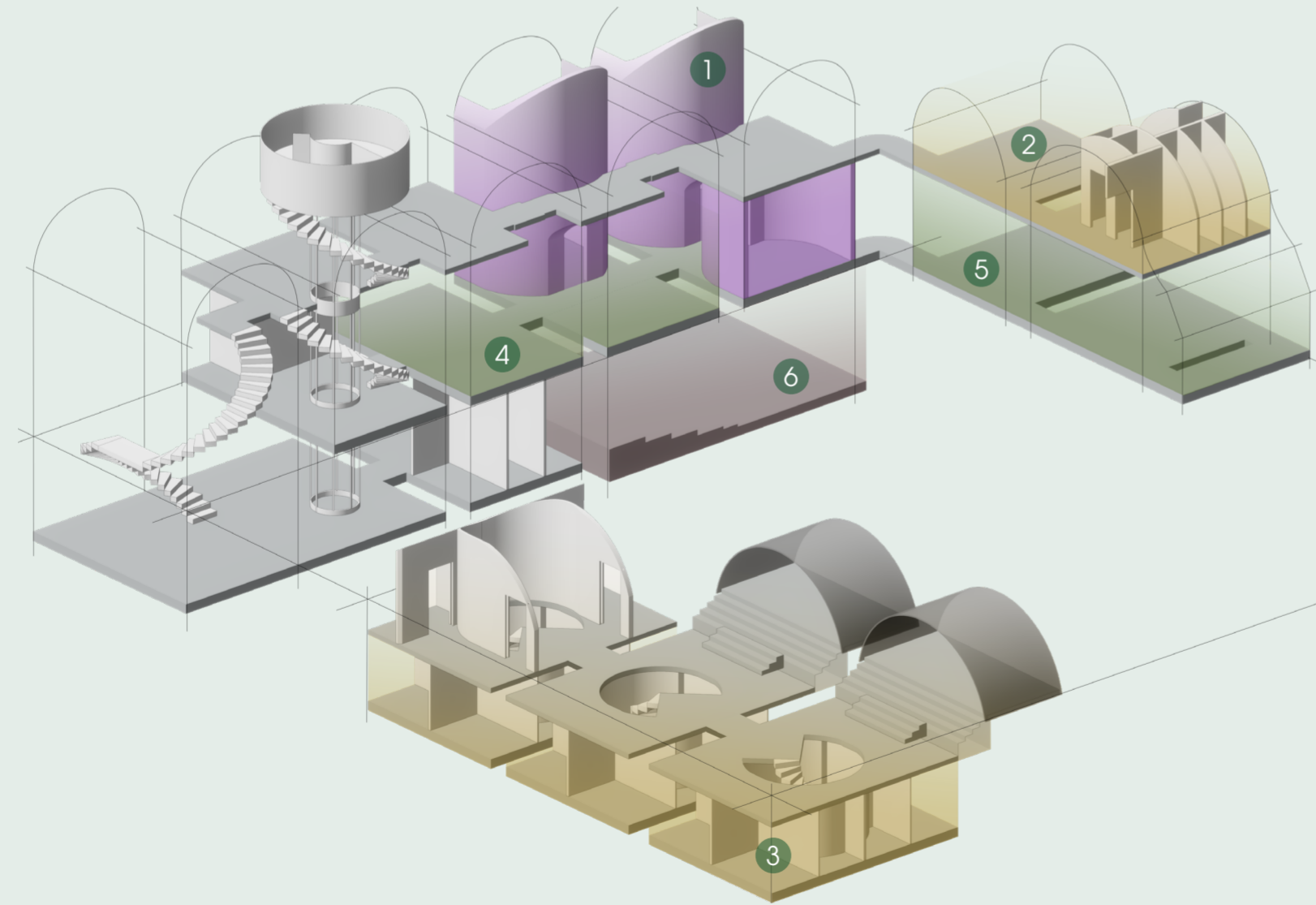
- a daily coffee bar for all.
- the kitchen becomes a soup kitchen at scheduled times of the week.

5 MAKERS WORKSHOP

- for crafting and light D.I.Y including a full pottery studio and multifunctional space for both individual work and group sessions.

6 THE AUDITORIUM

- designed to hold education, wellness and training workshops.
- it can also be hired out for private talks and events and can be used for performances.



BENEFICIARIES

AT-RISK INDIVIDUALS

General Use - naturally homeless individuals are envisaged into the centre and treated with respect and dignity whether they are using the specific services designed to help or not. all too often homeless people are moved away from public and private spaces that the rest of the public have access to, this would not be the case at *b.AR centre*.

Interim Housing:

- homeless individuals, for the most part would be late 20's and early 40's male as this demographic is the last to be helped/housed, they would likely stay at the short term shelter for the longest period (approximately 1-2 months maximum).
- shorter residents consisting of lone females, and parents with dependants, of whom are generally regarded as higher risk individuals and are given housing by the state at a much quicker rate.

Drop-In Centre:

- Homeless individuals, come to use the kitchen/lounge, wash and laundry facilities. They would book in to have access to the areas.
- Other At-Risk individuals seeking help and guidance could attend the serviced help area, and/or use the telephone booths to contact more remote organisations and government support/enquiries.



GENERAL PUBLIC

General Use - older retired individuals throughout the day, and families on weekends, making use of the cafe kitchen to work or relax in, exploring the main building and relaxing in the courtyard garden

Market days - there would be a much wider more varied mixture of both vendors and visitors on market days and the event would attract from all across Medway.

CRAFTERS

There would be a draw of skilled crafters to use the facilities at the workshop. Potters especially as there is a full pottery studio including wheels and kilns



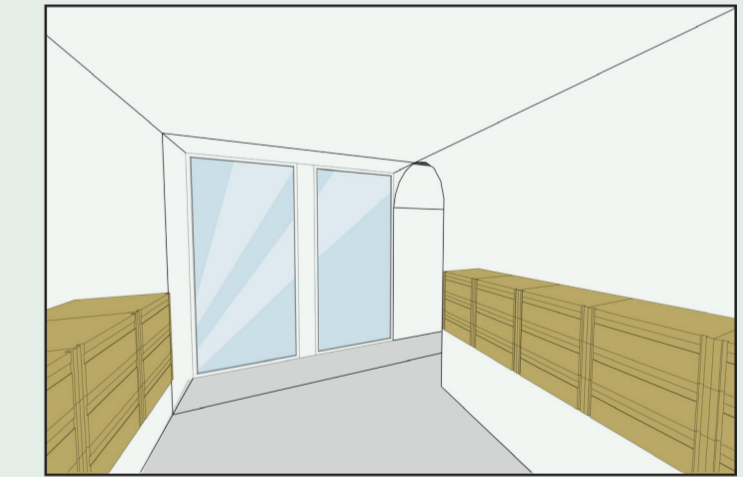
PROFESSIONALS

General Use - through week days there is a whole host of different seating spaces in and around the *b.AR centre* which creates a perfect relaxed working environment.

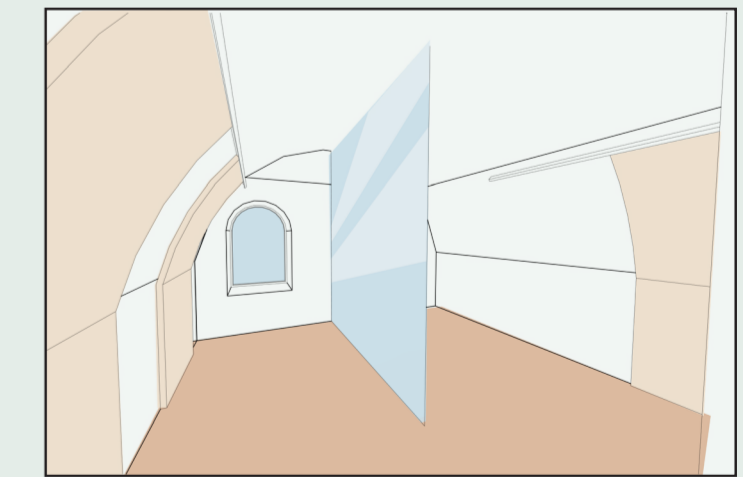
The Auditorium - would bring general professionals to attend centre lead educational events, screenings and talks, as well as private company events and functions which would bring a whole cohort from one company.



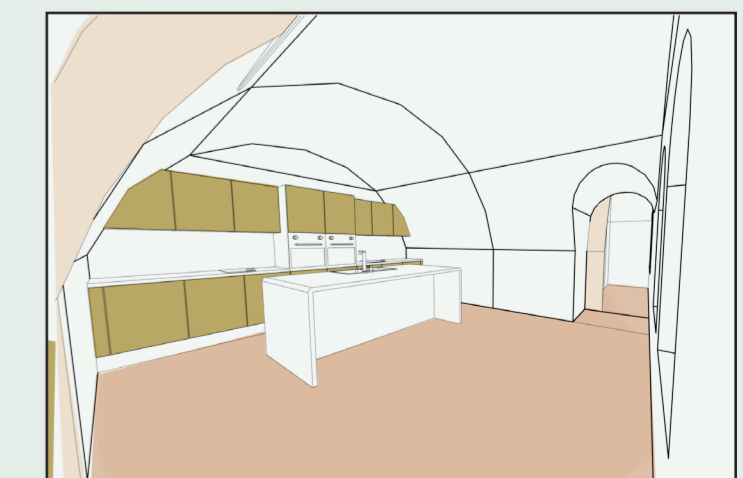
AT-RISK DROP-IN CENTRE



postal boxes and call booths



drop-in help desk spaces



drop-in kitchen facilities

barracks.AT RISK centre

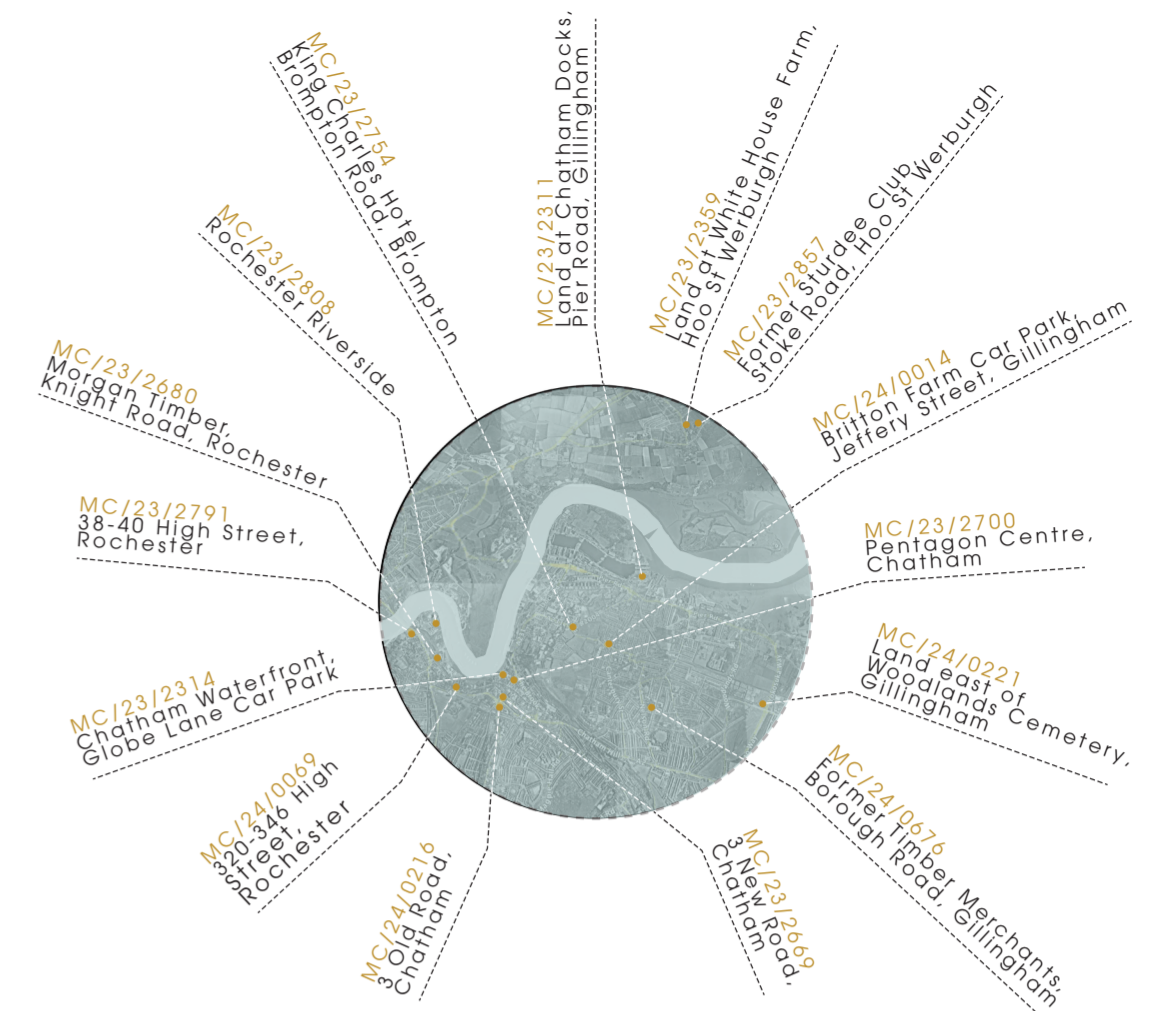
Proposal // Materiality



Internal stair circulation



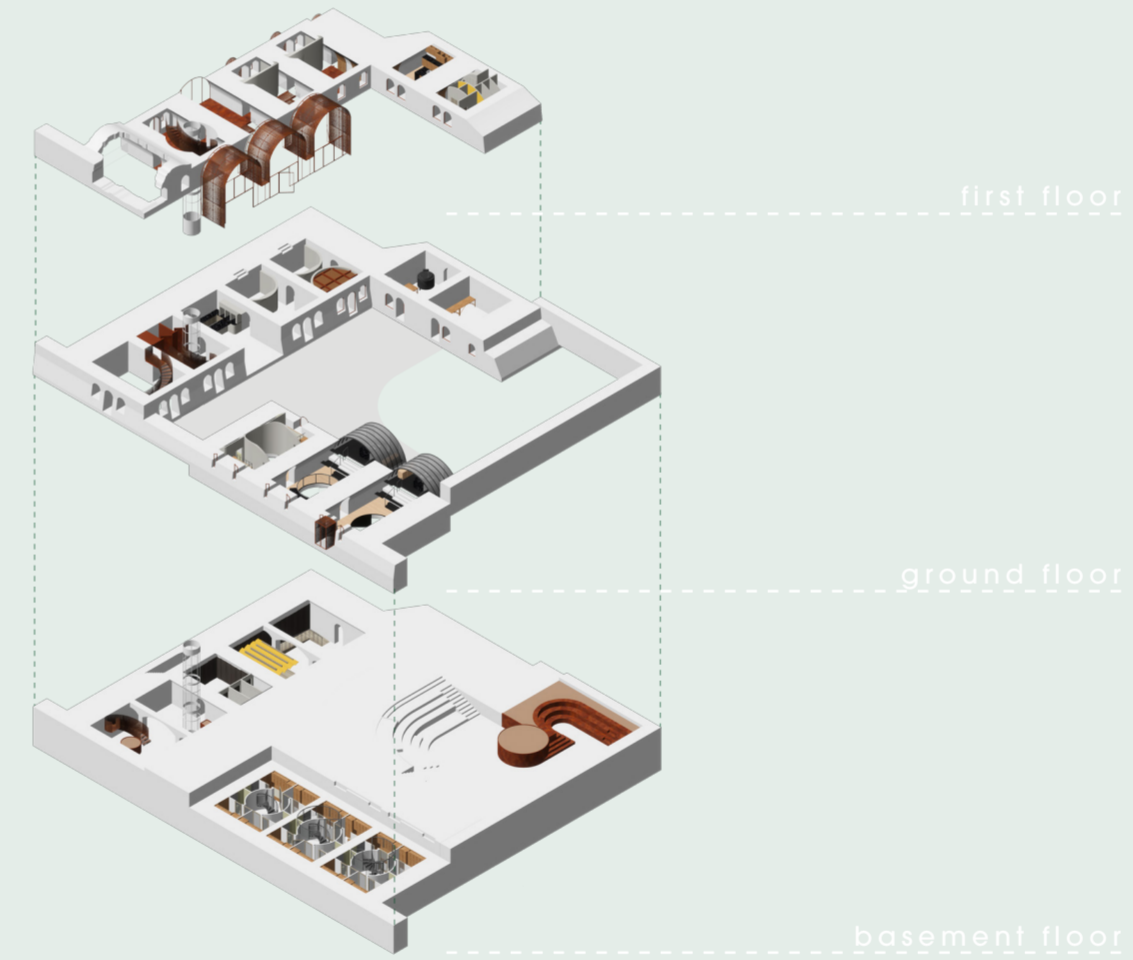
the kitchen and market hall



Chatham redevelopment and construction mapping



- 1 Interim Housing
- 2 External Courtyard Garden
- 3 Rooftop Viewing Deck
- 4 Therapy Pods
- 5 Drop-in Centre
- 6 Kitchen
- 7 Makers Market Hall
- 8 Makers Workshop
- 9 Auditorium



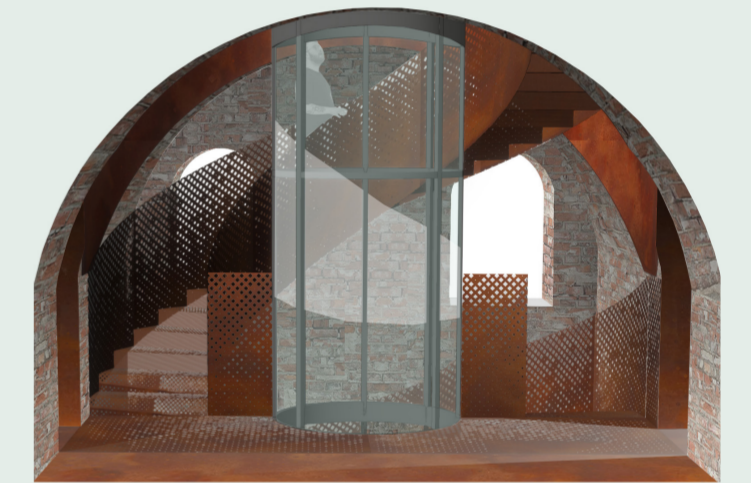
VALCHROMAT MDF SHEET
recycled MDF sheet - old timber ground into chips, compressed, coloured and adhered together.

USE - detailing timber, use in areas such as kitchens and to highlight a shadow gap.

BIRCH PLY WOOD
USE - for cladding insulated walls in all accommodation spaces, particularly in basement rooms to bring warmth and texture.

RECYCLED WOOD WOOL
USE - sound proofing panels used in all areas to manage the acoustics and sound travel through out open spaces

RECYCLED POLYCARBONATE
USE - roof skin applied to the extension domes over the kitchens in the interim housing (north wing)

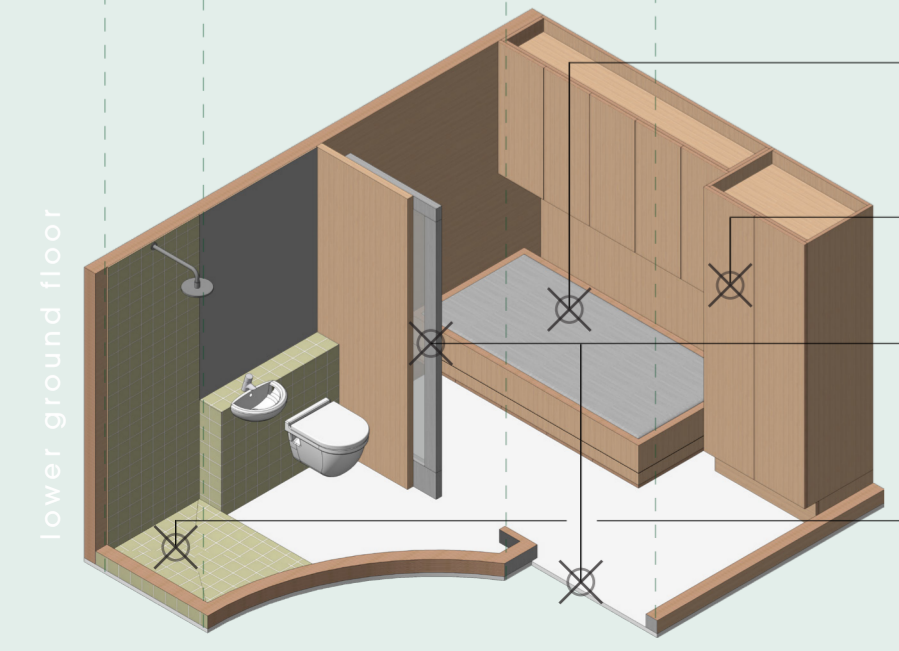
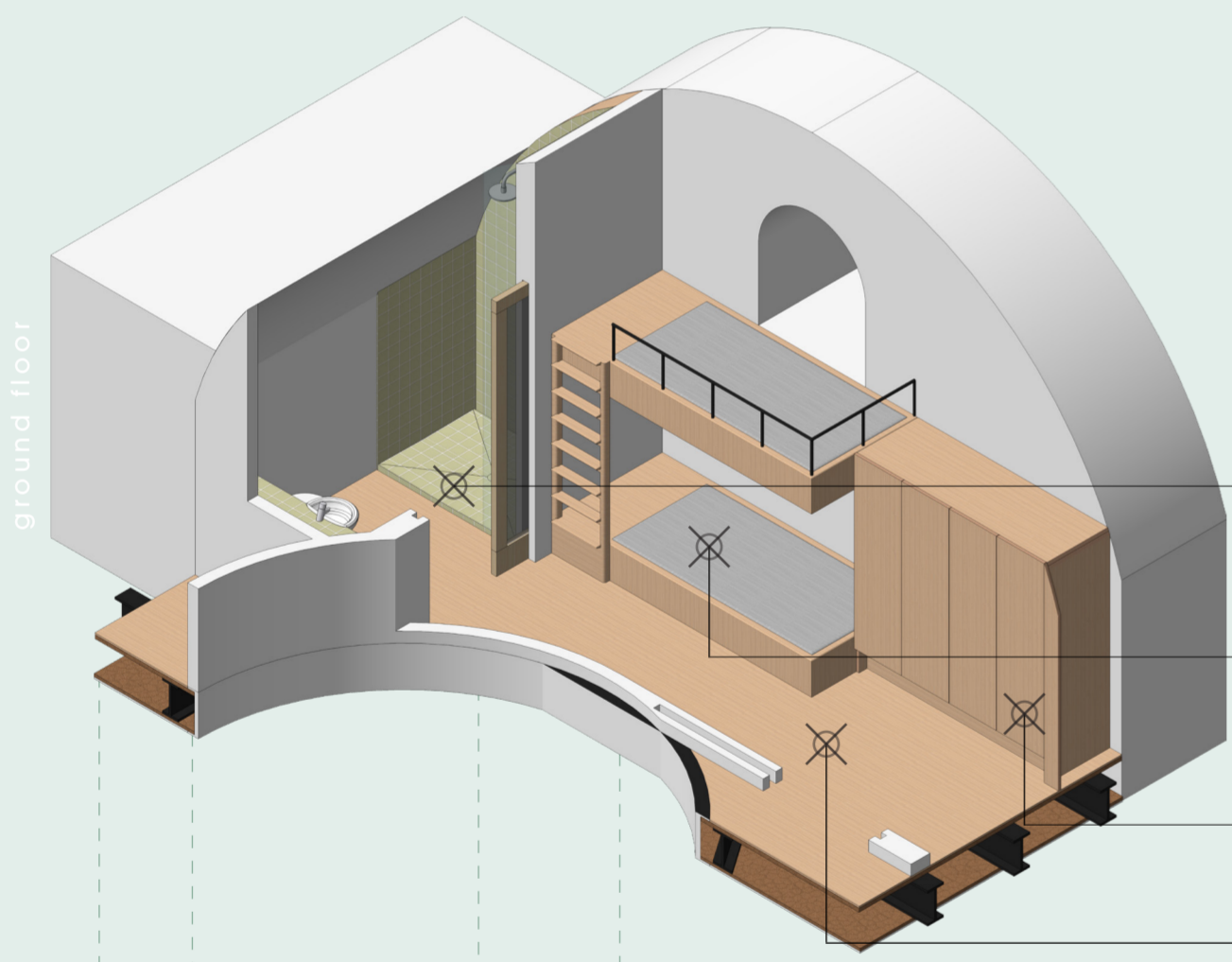


SUSTAINABILITY

In a bid to develop and modernise Chatham, the council have invested into the redevelopment of the central township. This leads to large quantities of construction waste.

The b.AR centre project will make use of waste building materials, most notably sheet metal to re-use by combining together into a patchwork and applied to mezzanine first floors and sweeping spiral staircases throughout.

barracks.AT RISK centre
private en-suite rooms



EN-SUITE SHOWER ROOM

USE - larger shower space for space to wash a child, and all other amenities
MATERIAL - colour of shower rooms will vary as recycled tiles are used throughout the rooms

BUNK BED

USE - bunk bed system to allow for single parents or couples to be housed. these rooms will typically be engaged for shorter periods - evident from the priority listings in government guidance documents

STORAGE

larger wardrobe storage for which includes cot storage in for if there is a young family occupying the space

FLOOR SPACE

USE - larger amount of floor space provided in the double rooms to give more room for occupation and to allow space for camp bed if needed.

FOLD DOWN BED

USE - the single rooms have a smaller square meterage and so to ensure there is floor space for personal activities, the bed fold up to become one full wall of cabinetry

STORAGE

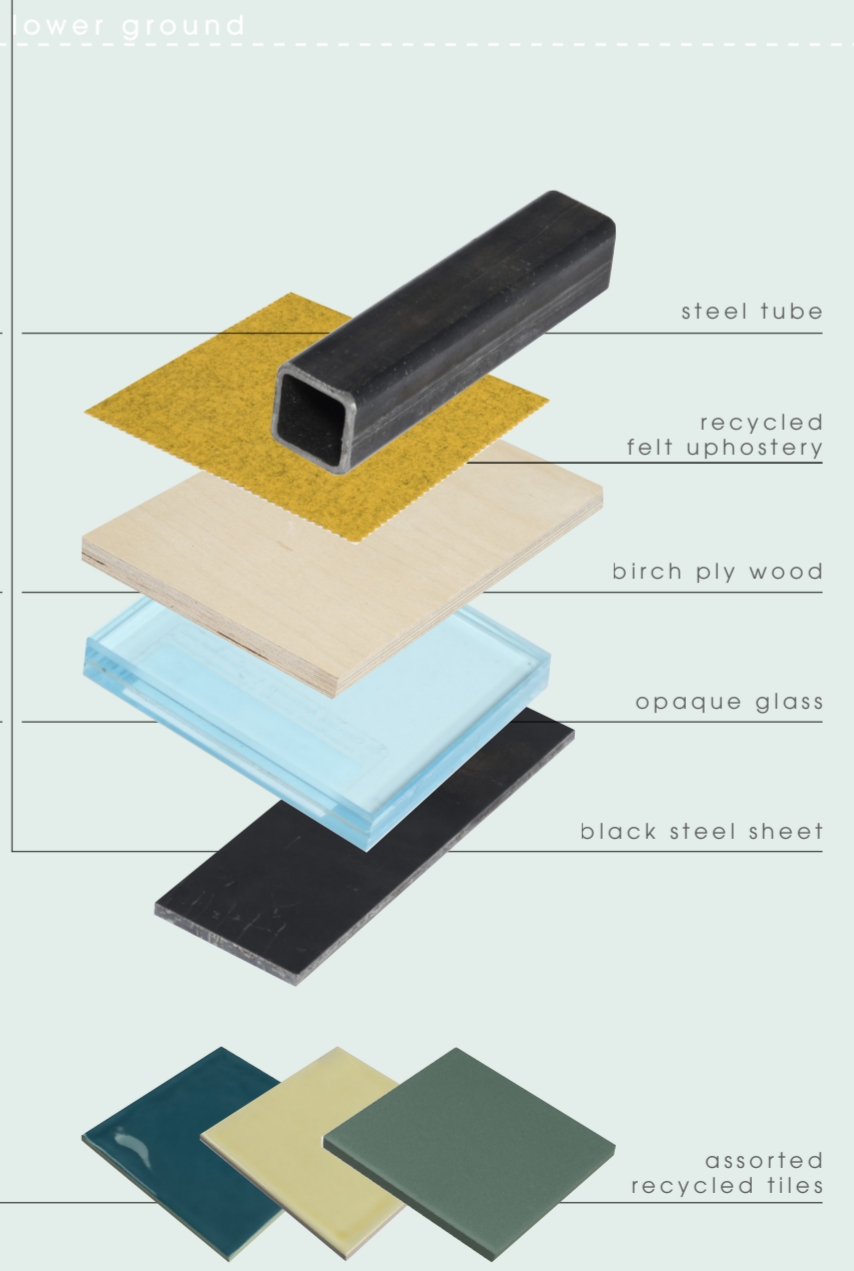
USE - ample storage both hanging and shelved provided to accommodate an individuals possessions.

GLASS DOORS

USE - opaque glass entry doors bring light in from the light well, sliding glass door into the en-suite limits the amount of swinging door obstructions in the space and also keeps the rooms as open as possible

EN-SUITE SHOWER ROOM

USE - single en-suite rooms with all amenities
MATERIAL - colour of shower rooms will vary as recycled tiles are used throughout the rooms



AT-RISK HOUSING COMMUNAL AREAS

