

SUSTAINABLE COMMUNITY MICRO-VILLAGE

The Stables

AT ALLESTREE HALL



LONGITUDINAL SECTION AA @ SCALE 1:100

ALLESTREE'S NEEDS

"Allestree has a shopping centre, but it needs a cultural heart that can serve the members of the community - young and old"

TIM BURROWS
President of Allestree Village History Society

"The Evans family bequeathed the house and grounds to the community - the grounds have been enjoyed for generations, it is now time for the Hall and outbuildings to engage local people"

EESA HUSSAIN
Member of Allestree Allotment Group

"Allestree Hall and Park were purchased on the back of hard work by the people of Derby. Future generations of these workers now enjoy spending time there - a place that connects you to nature and makes you feel at peace"

JULIE SAUNDERSON
Allestree Resident

"Although reinstatement of lost features and finishes would be desirable, a sensitive intervention that would allow long term sustainable occupation is imperative"

ANONYMOUS
Derby City Council
For Allestree Heritage Assessment, January 2019

ALLESTREE'S PROBLEMS

The Stables is situated at **Allestree Hall**, within the suburb of Allestree, which is located to the north of the city of Derby.

Allestree is a largely residential suburb with a **high elderly percentage**, many of which are feeling increasingly **lonely** in a post COVID-19 world. In recent years the community of Allestree has **become divided** between generations; a societal problem in which the design of The Stables aims to alleviate.

The Stables is a proposed intervention in the form of a **community sustained micro-village** situated in the Hall's former stable blocks. Allestree Hall is **Grade II* listed** and is sadly in a poor state repair and finds itself on the Heritage at Risk Register. Without intervention, the hall and its outbuildings are in **fear of collapse**, leaving Allestree without a significant piece of its history.

Allestree's main problems:

- **Elderly loneliness**, putting a strain on local services
- **Divided generations**, causing community rifts
- **Collapsing historical site**, one of the few left in Allestree

THE SOLUTION

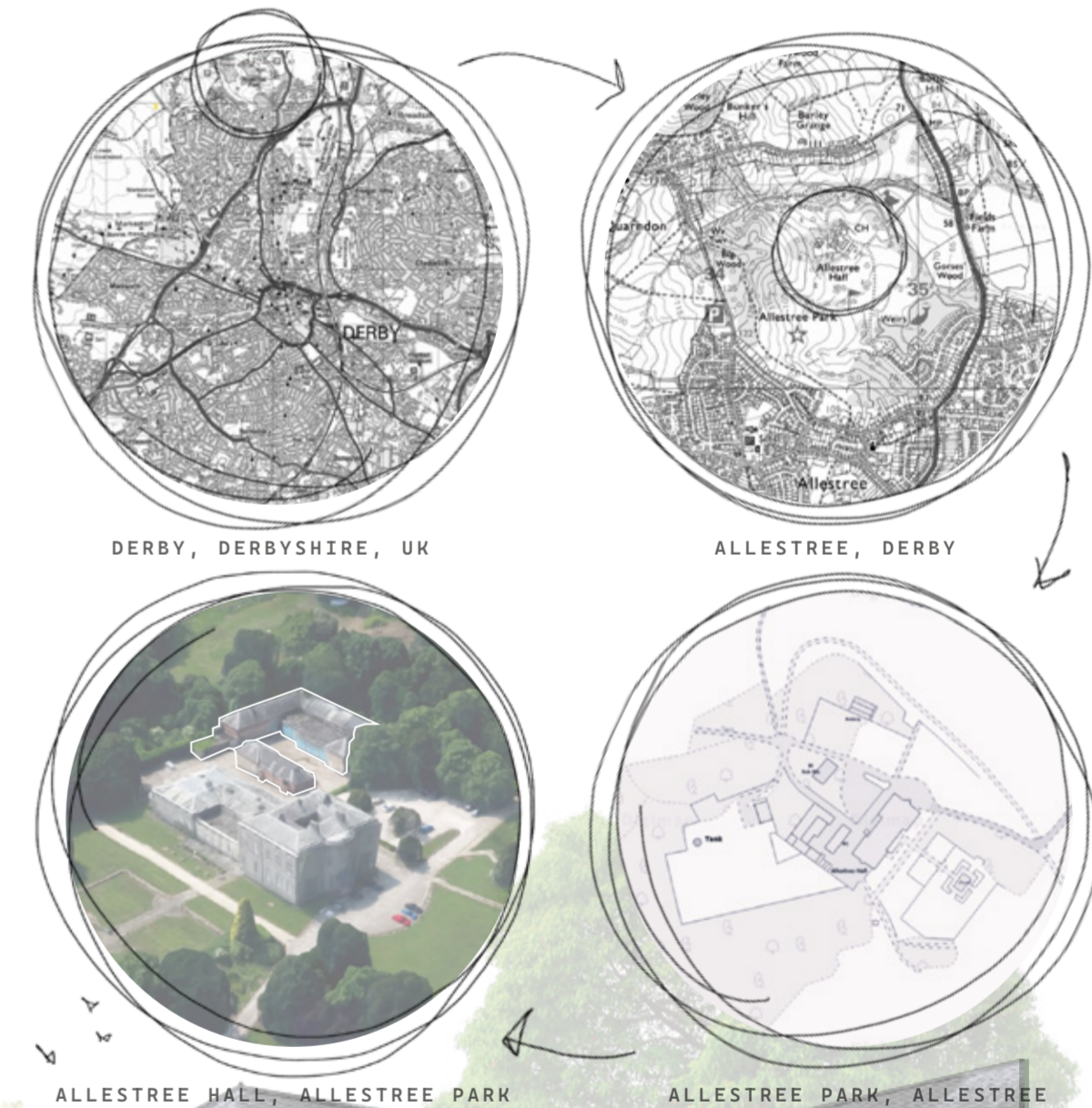
The Stables' main goal is to **bridge the generational gap** between the elderly and the young generations within Allestree.

Allestree's elderly demographic are reported to feel increasingly isolated, most of which is due to recent incidents within the community such as anti-social behaviour, vandalism and theft. These incidents have discouraged the elderly from trusting Allestree's younger generations.

In order to help alleviate these issues, interviews were held to ask Allestree residents **what they want done**. Research concluded that the most viable solution was in the form of a community micro-village (The Stables). The micro-village is to be a site that facilitates mingling of multi-generations, with the intention of restoring faith in the Allestree community.

This intervention hopes to **challenge the stereotypes** placed on each generation. Thus, **easing the loneliness** of Allestree's elders, whilst also aiding **boosting the local economy** and saving a historic building from collapse.

WHERE IS ALLESTREE?



Loneliness and social isolation increase the risk of dementia by 50%

Youths who meet with elderly mentors are:

- 46% less likely than their peers to start using **illegal drugs**
- 27% more likely than their peers to start **drinking**
- More likely to trust their parents and have **better communication** with them
- Less likely to experience symptoms of **depression**



MOOD COLLAGE

INFLUENCE BY ALLESTREE'S VARYING DEMOGRAPHICS AND THE NEEDS OF RESIDENTS



COLOUR PALETTE

INSPIRED BY ALLESTREE, MEANING THE PLACE OF MANY TREES

Green Beret - X144R283A	Private Affair - X144R275B	Lightly Green - X144X5977	Stormy Day - X146R274D
Palisade - R88F	Salty Peat - R264B	Olive Way - X144X122	White Pistachio - X144R283F

OLD VS. NEW

INSPIRATION BEHIND DEVELOPMENT



"Every community needs a focal point, a place where local people, irrespective of age, gender, race, sexuality or economic status can meet and develop"

NICOLA PITT
Allestree Resident

"Allestree Hall exemplifies our history and heritage, it needs to be cared for again"

CHRISTINE ROWE
Allestree Resident

002 - DEVELOPMENT



External Lift

- longevity
- contrast
- mirrored surface

Carbonised Wood

- regenerative
- reflects surrounding nature

Central Courtyard

- multi-functional
- events destination
- popular nearby
- considerate of longevity of design
- increased awareness of existing fabric

Juxtaposition

- not recreating
- honour + respect
- adding to history

References: Thomas Bath Spa, Bath; Villa Meisjendel, Netherlands; Kajstaden, Sweden; The Gorkin, London; Markeaton Craft Village, Derby; Butler Street Food Market, Derby; Invoist corp Building, Oxford; Convent de Saint-Francois, Angers.



Courtyard and External Lift - juxtaposing old and new

BIN YARD	1
WC AND CHANGING FACILITIES	2
GARDENING EQUIPMENT STORE	3
COMMUNITY GARDENING HUB	4
BAKERY	5
PREP KITCHEN	6
KITCHEN	7
CAFE/RESTAURANT	8
ACCESSIBLE TOILET	9
FLORISTS WORKSHOP	10
FLORISTS SHOP	11
INDEPENDENT ARTISTS' SHOP	12
SUSTAINABLE GIN DISTILLERY	13
PUBLIC WCs	14
URINALS	15
DOG WASH	16
SITE MANAGER'S OFFICE	17
STAFF FACILITIES	18
STAFF WCs	19
STAFF SHOWING/CHANGING FACILITIES	20
FLORIST/BAKERY OFFICE	21
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DRY STORE	23
SMALL KITCHEN	24
THE GIN HOUSE	25
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CAFE/RESTAURANT	27
COMMUNITY KITCHEN	27
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SEASONAL MONTHLY MARKETS

LOCAL INDEPENDENT ARTISANS

LOCAL SUPPLIERS

FRESH, LOCAL PRODUCE

STREET FOOD

FARMERS MARKETS

COMMUNITY KITCHEN

PRODUCE FROM GARDEN

EDUCATE ON FOOD WASTE AND NUTRITION

ACCESSIBLE TO ALL

RESTORED BOTANICAL CONSERVATORY

GROWTH

GROWN FOR THE GIN HOUSE

RESTORE

EDUCATE

BRITISH HERITAGE

CELEBRATING ALL THINGS LOCAL

PATIO GARDEN ENCOURAGING WILDLIFE

MINGLING GENERATIONS



RESTORED WALLED GARDEN

EDUCATE FUTURE GENERATIONS

FOOD AND FLOWERS

COMMUNITY SUSTAINED

SENSE OF PURPOSE

BELONGING

CONNECTING

MEETING

CAFE/RESTAURANT

SHARED INTERESTS AND HOBBIES

BRIDGING GAPS

PROCESSING PRODUCE

COMMUNITY GARDEN HUB

AGELESS FRIENDSHIPS

STRENGTHENING ALLESTREE

SUSTAINABLE GIN DISTILLERY

JOB GENERATING

REGENERATIVE



View 1 - Community Garden Hub

An existing supporting fireplace now serves as central bench seating to create zones. The near zone is used for processing produce from the gardens, the middle zone provides a comfortable place to remove outdoor shoes upon entry, the far zone is for relaxation and socialising. The Community Gardening Hub's design allows for a variety of users, from elderly homes to nurseries and primary schools. Food processed in the Community Garden Hub is to be used in the Community Kitchen and bakery, and the flowers are to be utilised by the on site florist in community workshops.



View 3 - Ground Floor Cafe/Restaurant

Open to the public, the cafe/restaurant is one of the site's main attractions. It's rustic design creates a relaxed environment for socialising and hosting a variety of events by flowing into the courtyard. The cafe/restaurant aims to serve seasonal menus, produced with produce grown in the site's Walled Garden. Community volunteers are encouraged to bake sweet treats to be sold here.

In the cafe, a technological system is to be employed to encourage meetings for those that want companionship. Dotted around the site, interactive screens will be available for use by all of the sites visitors. Volunteers are supported in making a digital profile which allows them to safely book meetings with people who have similar interests. This mini intervention acts as an introduction to technology for the elderly volunteers and encourages the younger generations to share their knowledge and regain trust.



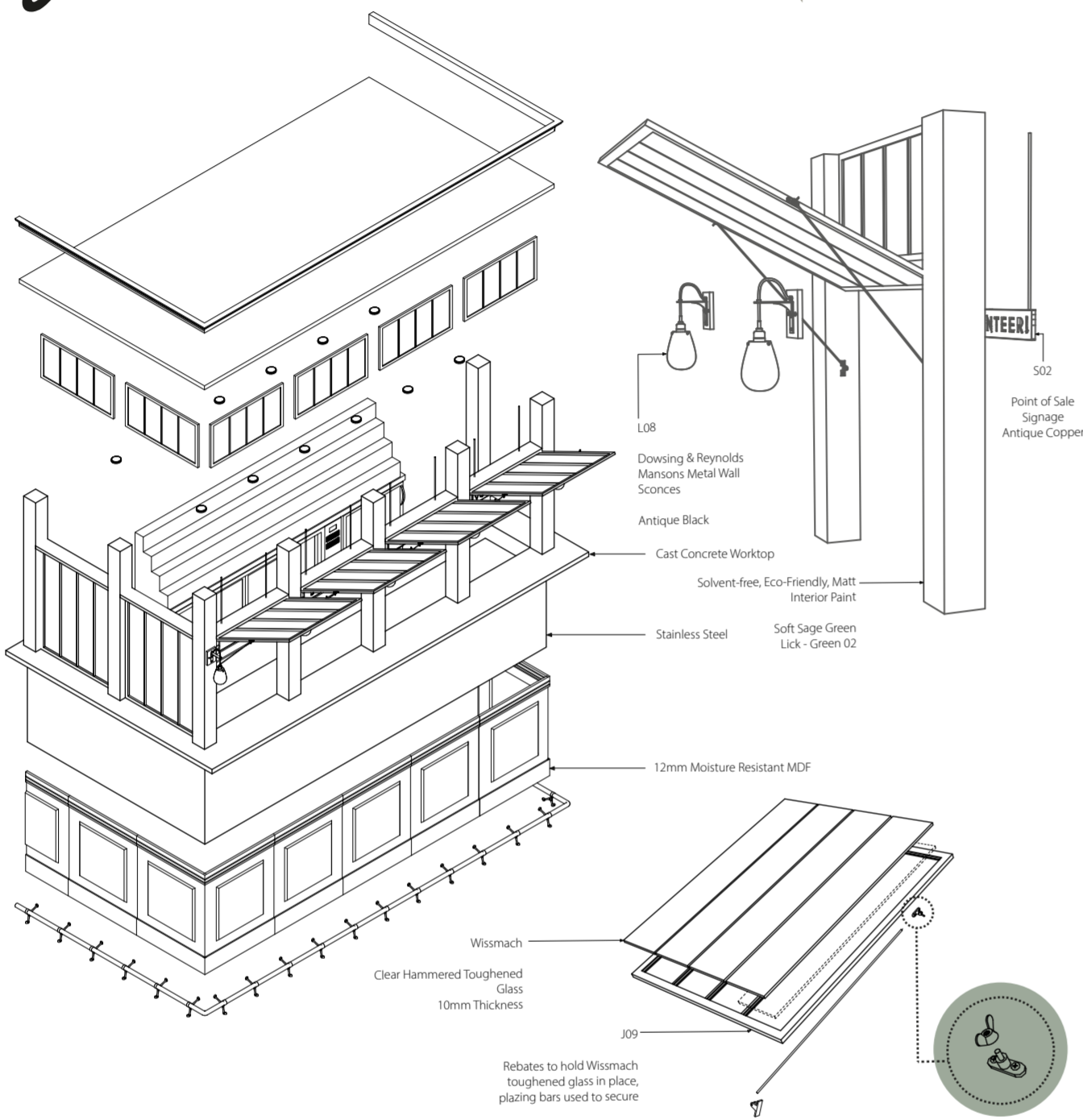
View 2 - Florist's Workshop

A independent trader's workshop, whereby they pay a reduced rent fee in return for free classes for the community. Low ceilings are colour blocked to create zones for processing and creating. Furniture within the Florist's Workshop is mostly loose, to allow for a variety of activities. The florist, much like the on-site baker, is to serve to the neighbouring wedding venue in the form of bouquets, button holes, table arrangements etc.

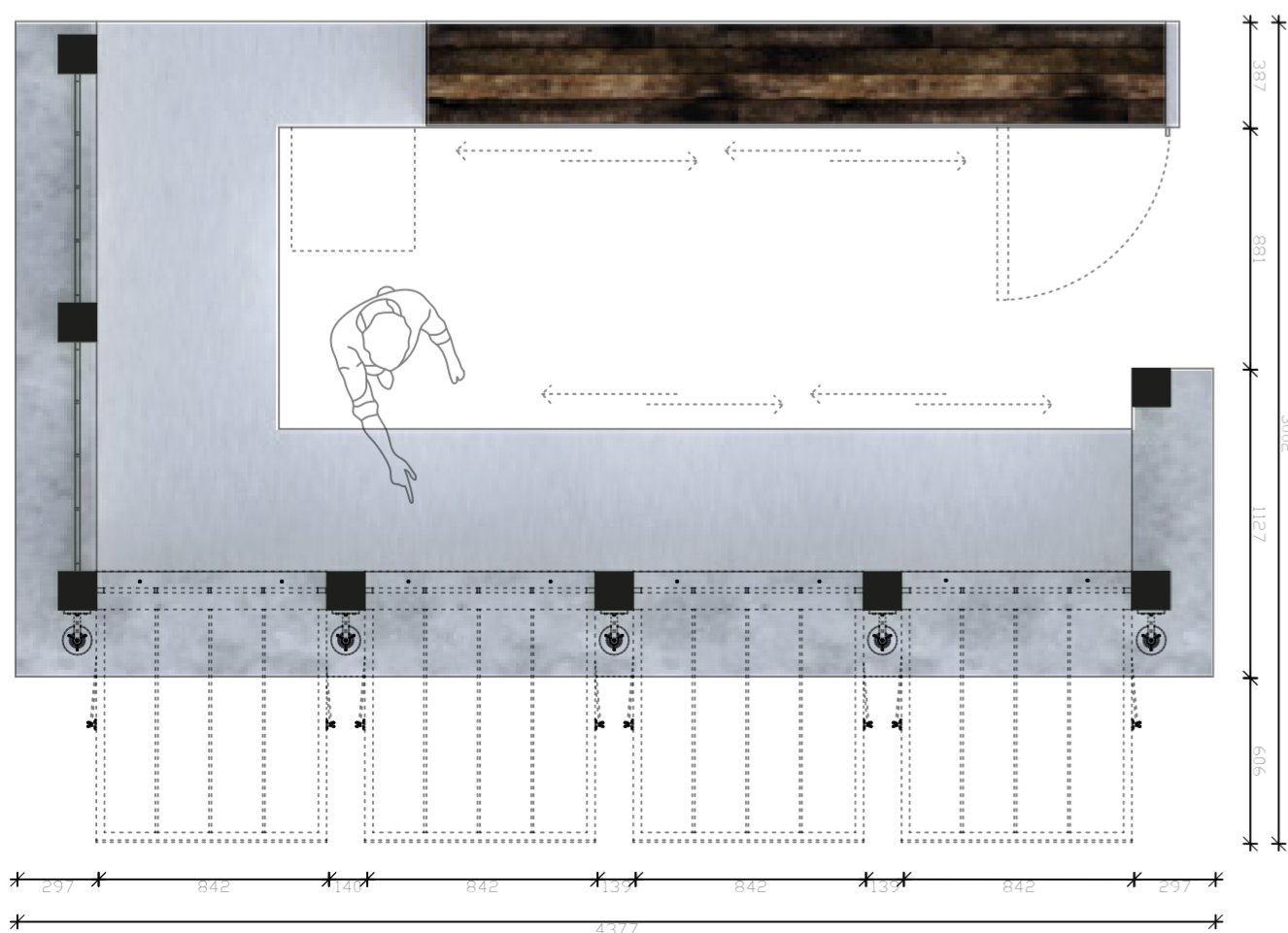
The Gin House

"OUR BOTANICAL BAR"

EXPLODED AXONOMETRIC @ SCALE 1:50



WINDOW DETAILS
NOT TO SCALE



RENDERED PLAN @ SCALE 1:25
CUT AT 1500mm



View 5 - The Gin House

Sustainable gin bar which addresses 3 main opportunities to benefit the local community, these being: nature connectedness, regeneration, and Sustainable Development Goal 2 - "zero hunger". The Gin House's design has a regenerative approach to its design. The regeneration hypothesis 'helps to effectuate a world-view through which human and natural systems can form mutually beneficial symbiotic relationships' (Cole, 2012). 'It requires communities to go beyond sustaining and make concerted efforts to positively contribute to and enrich the environments in which they inhabit' (Mang and Haggard, 2016). The design of The Gin House bar echoes the design of a potting shed/greenhouse which has been implemented to inspire consumers to pick up their gardening gloves and grow their own produce, or at least become more conscious of consuming local produce. 'By buying locally, you can help to cut carbon emissions and air pollution' (Lukoski, 2022), and furthermore minimises food waste, as the produce has less travel time and therefore a longer shelf-life for the consumer to enjoy. Although inspiring the occasional consumer to begin growing some of their own produce won't solve the crisis of SDG-2, it will hopefully inspire neighbouring gin distilleries and bar to follow suit.



View 6 - Community Kitchen

A communal space whereby produce from the site's Walled Garden is utilised in educating Allestree residents in sustainability and nutrition, in an inclusive and practical kitchen. Workshops are to be free for Allestree residents. When the Community Kitchen is not in use for workshops, the kitchen is to be utilised by volunteers to make cakes and savoury treats for the Cafe/Restaurant. The Community Kitchen can also be of service to local primary schools, who can access the kitchen within school hours to educate.



View 7 - First Floor Cafe

A multi-functional space, changing uses throughout the day. From functioning as a cafe in the mornings and daytimes, through to The Gin House in the evenings and private function room rentals when required. The spaces design lends to its variety of needs with an eclectic mix of both soft and practical seating. This space also flows onto the outside balcony, overlooking the central courtyard. The balcony can facilitate 24 seated guests, and has external access to the The Gin House to allow for separation of internal and external.

VISUALISATION