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Pre-planning application proposing the repurposing and extension of an existing gardeners workshop.

The building is roughly doubled in size with the new extension duplicating the massing of the existing while inverting the wall/window ratio. The asymmetrical section is utilised, generating a spatial hierarchy within the open-plan existing volume, while the extension plays on the loose-informality on its gable.

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**Approach** Looking towards the new addition. The sill height in the existing is dropped for continuity.




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**Existing Space** The exposed ceiling and permanent objects maximise the perceived space within the modest volume.



Containing student residences, an archival library, faculty offices, and associated ancillary programming the brief is diverse yet clearly defined; a new fragment of collegiate infrastructure in the extremely sensitive historic core of St Andrews, Scotland.

The complex brief and site required a process that was capable of generating moves that unified both. As Found, bricolage and a reengagement with the broader urban grain drove the methodology that resulted in the proposed urban building; a significant addition to St Andrews (University).

**Urban Context / Site Strategy** To reaffirm without imitating; engage with the street, incorporate the existing fabric, generate a meaningful addition.

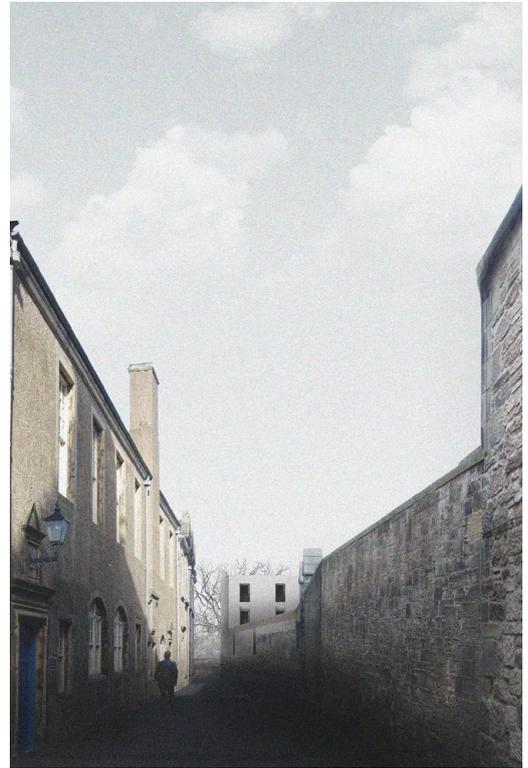


**Model [1:200]** Two volumes enclose St Salvator's Green generating a new quadrangle. The block contains the residences and faculty offices while the strip contains the archival library.



## Continuity

The building continues the themes of the varied contexts. A wall becomes a building, becoming an infilling mass that becomes a tree-lined edge. The building part of the loose urban blocking.

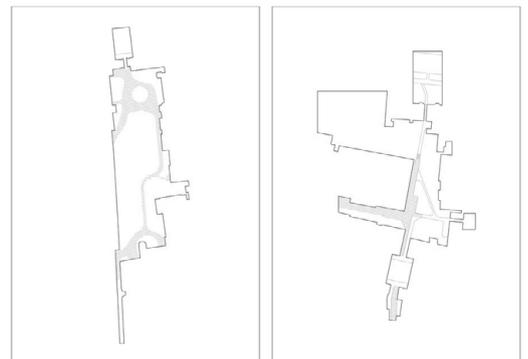


## Butt's Wynd



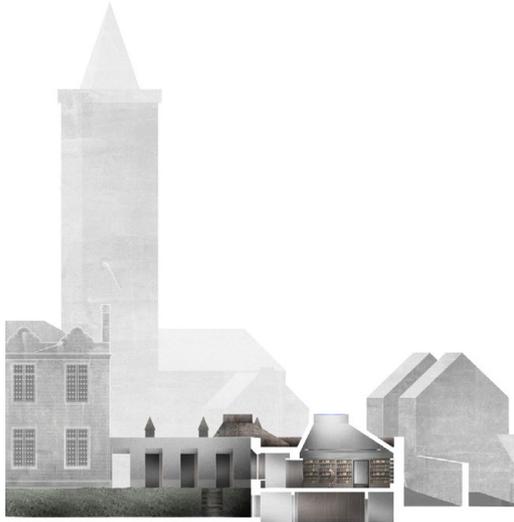
## Quadrangle Studies

Internally, the new quadrangle is a loose hold on space that bleeds into the surrounding context, typical of a quadrangle in St Andrews.



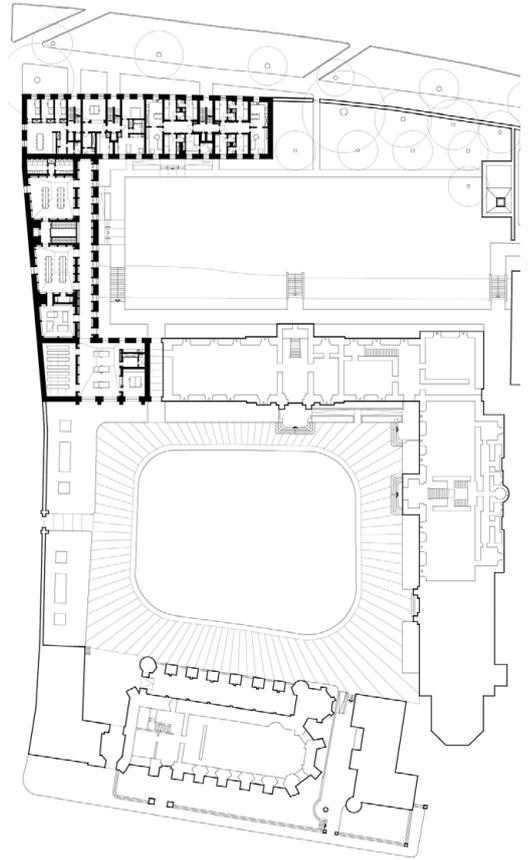
**Enclosure**

The library strip maintains the enclosure characteristic of the Wynd, while also introducing a 'cloister' to the Green.



**Programme**

Residential programming is arranged inside the block; the function suppressed. In the case of the library lightwells enable the large rooms to be naturally lit without over-puncturing the existing wall.

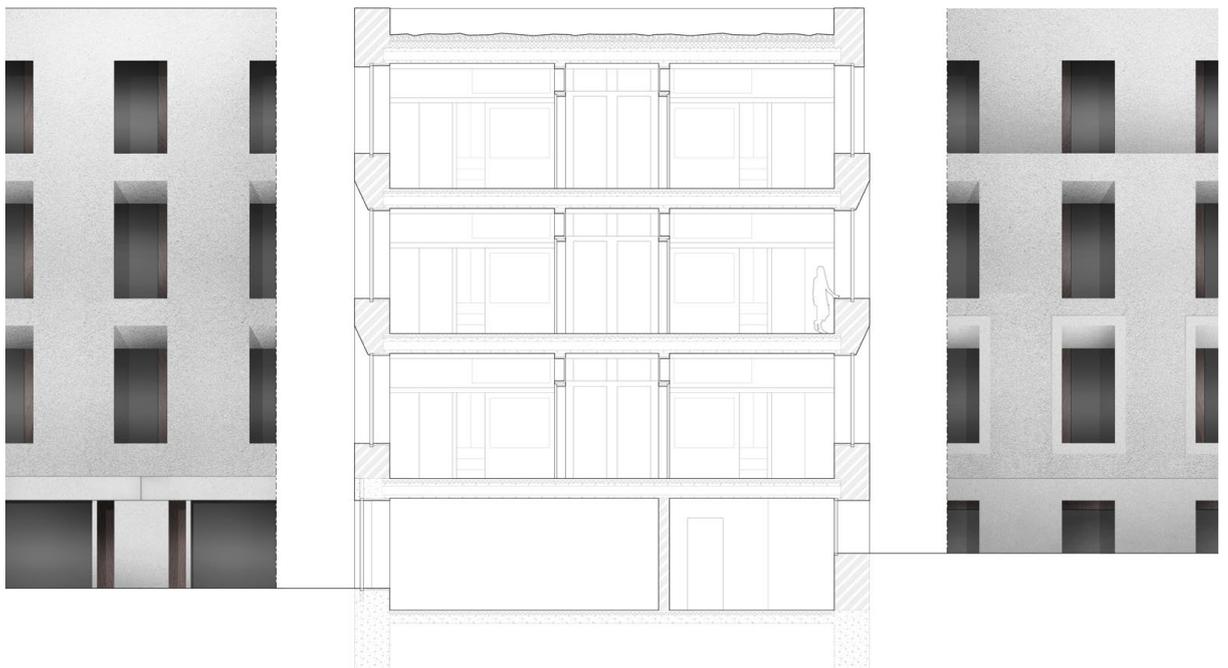


**Scores Block**



**Stereotomy**

Large terracotta bricks are coated in an homogenising roughcast. Contextual, as-found, materials earnest in their stereotomic appearance. No hung stone.

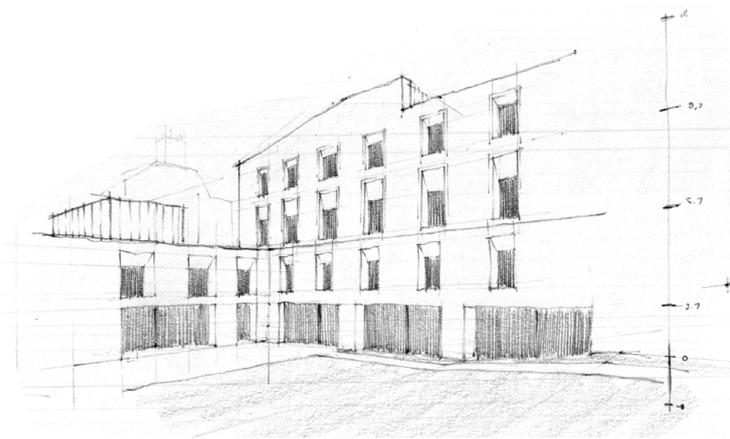


**A New  
Quadrangle**

The proposed quadrangle, a substantial addition to both collegiate infrastructure and to St Andrew's proper.

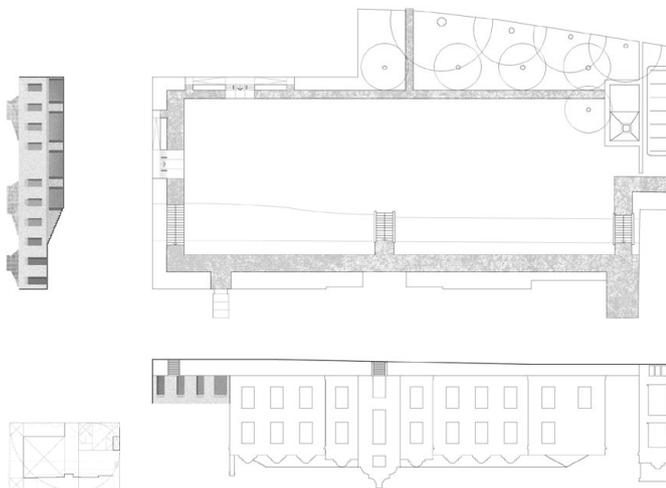


**Initial Sketch**

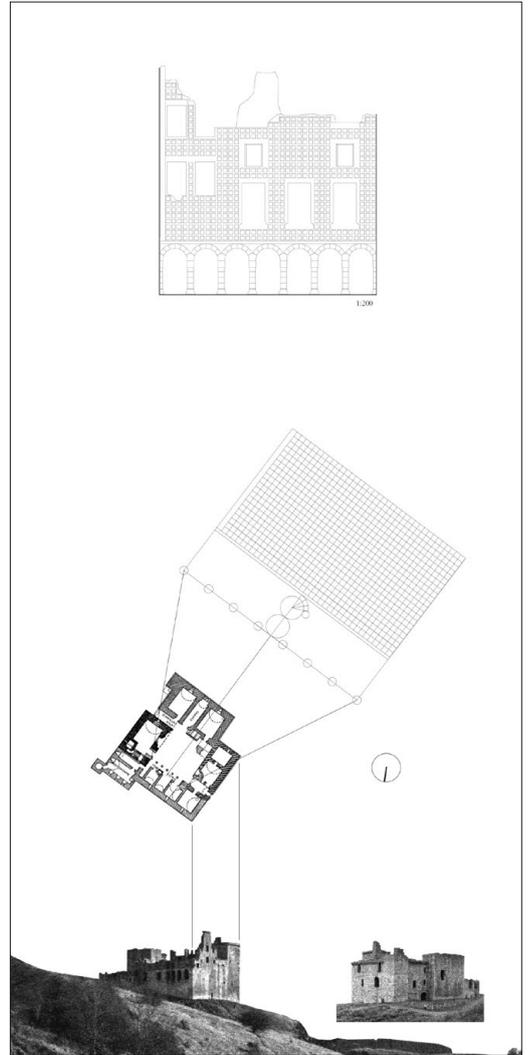


**The Green**

The green's open uninterrupted lawn is minimally altered; now an outdoor room for existing functions to continue within.



**Crichton Castle** The rear-facade of the block was required to command attention within the green. Crichton's last major internal addition does this, and is taken as precedent. The entrance indicated by the absence of windows.



**Enclosing  
Facade**



Shell, Lining, Objects



The Collective Room The programme is expressed as a series of connected rooms; this extends to the students units, a finite number of rooms within an apartment sharing a connective space.



Bedroom Detail

The room as a constructed space. Selective timber lining softens the hard shell of the building.

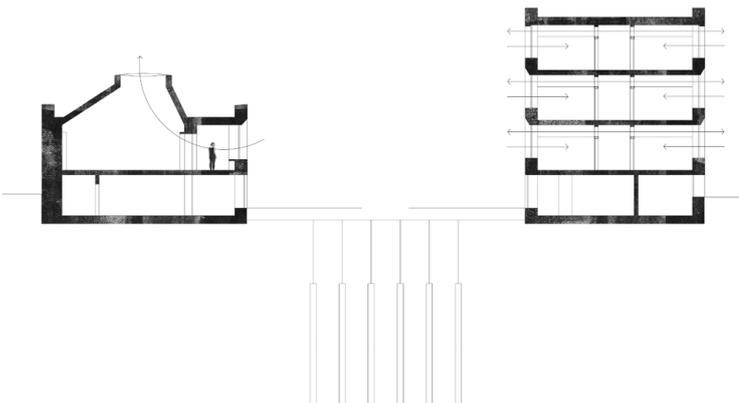


Reading Room A conscious resistance to spectacle and narrative, the building is presented as static, awaiting inhabitation.

Spaces are explored like found objects; reapplications of known types and norms, filtered through construction, their language both familiar yet particular



Environment The significant thermal mass, and long inertia period are combined with a reversible ground-source heat pump.



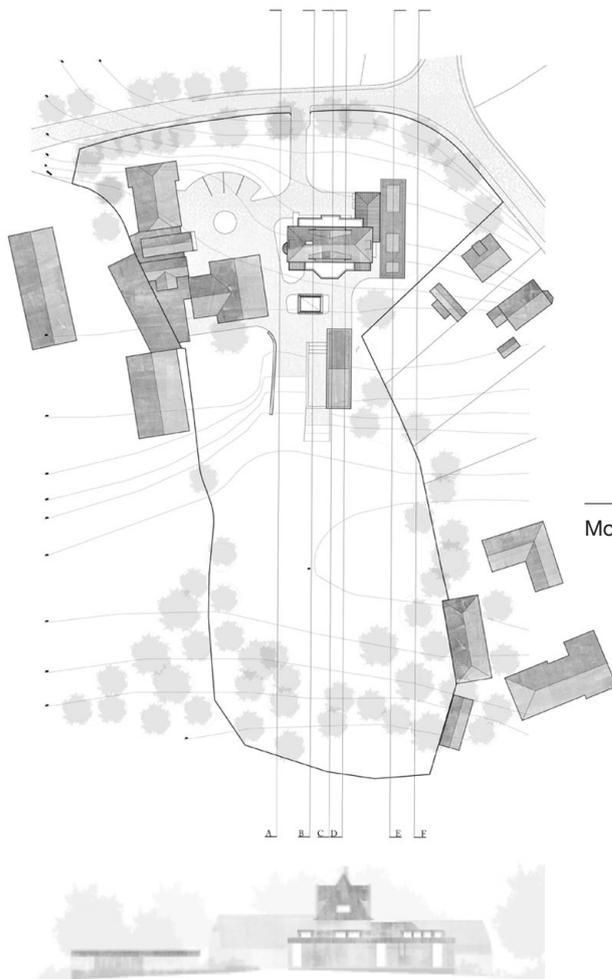
Utilising landscape elements to reconcile an underperforming, artistically historic site for a contemporary art-foundation.

The late artist Hanne Darboven was born, raised, worked and died on the site - each building was part of her life, this project proposes the unification of these buildings, using the landscape between them as the connective elements.

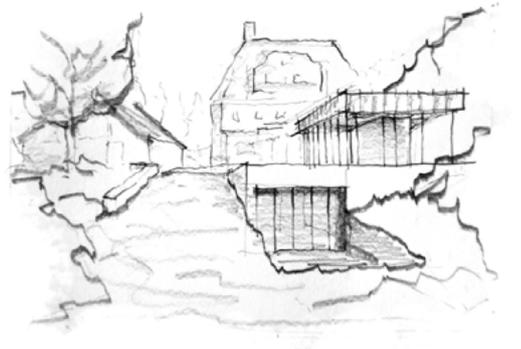
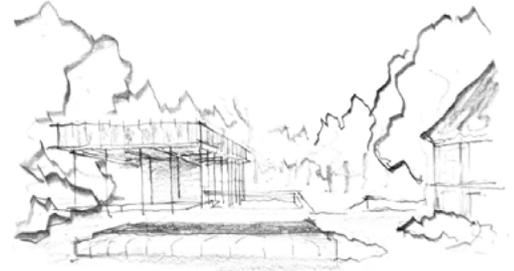
Situated in the rural outskirts of Hamburg, the site is well established with a modest residential scale.

## Site Plan

Two additions, an extension containing the archive, and a pavilion - the entrance to the underground galleries.



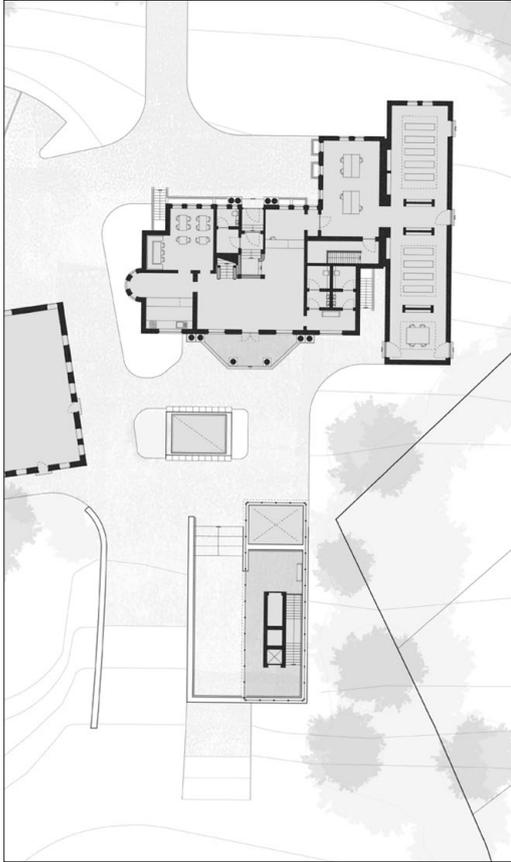
**The Ensemble** Sketches showing the new additions at their most prominent, showing the importance of the buildings as an ensemble.



Model [1:200]



**Ground Plan** Reconfiguring the existing villa enables the additions to the site to remain externally modest, the existing ad-hoc combination of architectural styles comfortably accommodating the new additions.



**Additions, Objects & Spaces**

Utilising the existing building the new additions form a courtyard, much of the programme is retro-fitted into the existing villa, while the artists own studios are left as found.



**Continuity in Materiality** The gallery spaces, like the existing buildings, are selectively lined with timber in more intimate situations and the pavilion utilises a comparably expressive massive timber construction resting onto stone (concrete) as the house does internally.



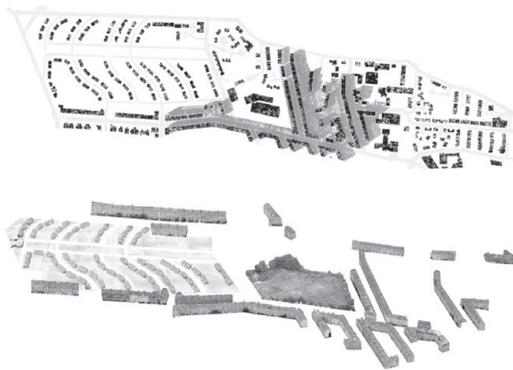
# Town Planning / Town House

University of Dundee 2013

A high density town house on Dundee's disused Quay, detailed using passivhaus principles. A reconciliatory building sitting between the rough industrial landscape and the residential streets it introduces, proposed moves from a previous town-planning unit.

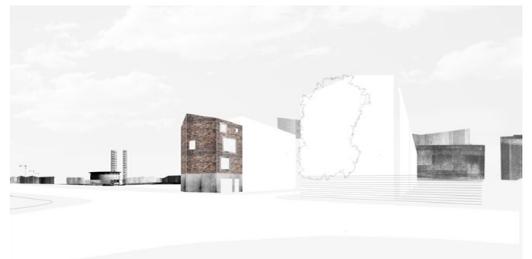
**Town Planning** An analysis of Blackness, Dundee, followed by proposing general principles that would improve the area.

The project suggested that development be limited to the existing typologies being three story free-standing mixed occupancy housing and the omnipresent infill tenement.



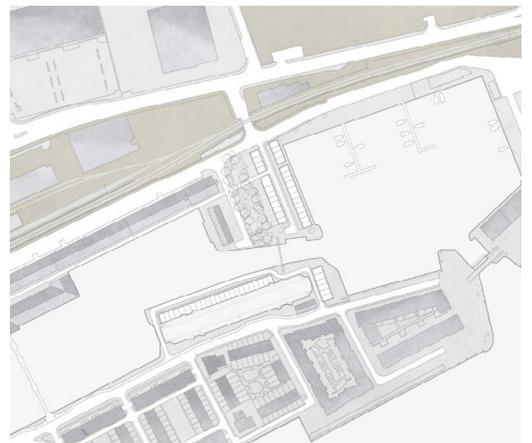
**Quay /  
Townhouse**

The townhouse presented blends these two types; mixed occupancy with formal moves from tenements utilised.

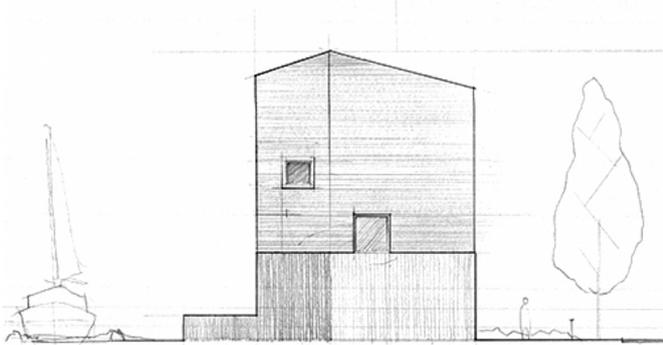


**Masterplan**

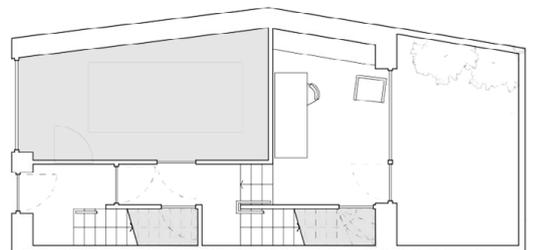
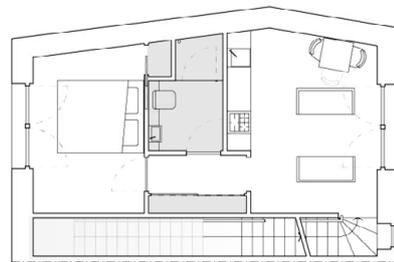
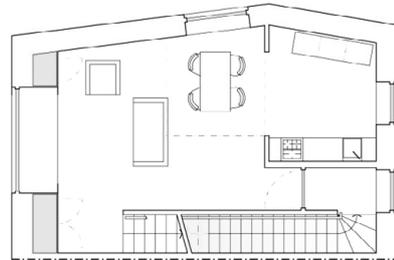
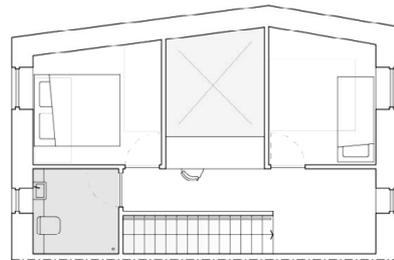
The master plan proposed sixty units, forming a street that sheltering a green space, based off of the urban renewal projects visited in The Netherlands.



**Reconcilatory Gable** Developed from the need to introduce the street the angular form references the cut-away gable ends found throughout the city, an urban tear introducing a significant change.



**Programme** Split across four levels the townhouse contains two residences. Responding to Dundee City Council's development plan, both are starter homes with the lower level unit capable of being altered to contain a small business; space for a start-up.



**Detail** Passivhaus principles demanded a timber superstructure, which is wrapped in bricks reclaimed from the demolished structures that currently occupy the site

Pre-cast concrete elements offer a sense of hierarchy to the facades. The formwork of which is rough-sawn timber; the protective skin an imprint of the timber below it, true timber being an inappropriate finish given the exposure to salt water.

