Growing together_a productive Framework



Shared Surface Path Garden 4.8m 1.2m 3m

Streetsection in Hamlet



Terraced: (50 units/ha) along the Mews the plots will be subdivided to create 6x24m plots that can be developed for terraced housing to achieve the form of a village street at greater Parking 1 Space / 1 Shared Landscape Front & Rear Garden + Terrace Kitchen Garden & Community Allotment

> **Dwelling Sizes (overall)** 40% Family Houses (3+)

60% Smaller Units (1&2)

2Bed

3Bed

4Bed

Tenure (overall) 60% Private

40% Affordable

Dwelling Types (overall)

Detached

Semi Detached

Terrace Housing

Avenue Apart.

Square Apart.

Total number of Dwellings

Civic Centre (Retail Space)

Community Facilities

Community facilities

Transport Hub

School (Primary)

Parking numbers Residential (Private)

Residential (Shared)

Public (civic centre)

Total number of Parking

43%

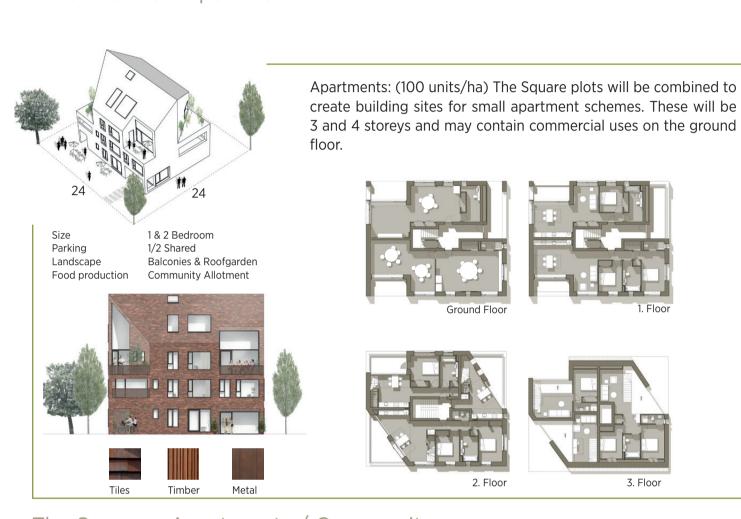
34%

5%



Apartments: (100 units/ha) The Avenue plots will be combined to create building sites for small apartment schemes. These will be 3 and 4 storeys and may contain commercial uses on the ground floor.

The Avenue - Apartments



The Square - Apartments / Community



Streetsection in Hamlet

Streetsection in Mews (Playground)

169 Dwellings

397 Dwellings

297 Dwellings

47 Dwellings

546 Dwellings

364 Dwellings

47 Dwellings

128 Dwellings

228 Dwellings

423 Dwellings

84 Dwellings

910 Dwellings

Approx. 2000m²

Approx. 1500m² Approx. 1800m²

350 spaces

1300 spaces

60 spaces

1710 Spaces

Streetsection in Mews (Typical)

Growing a Hamlet Typologies & Agroforestry



Raw & Craft

natural, adaptable, resilient, affordable.

Raw & Craft is a house-making philosophy and applied practical methodology. The aim is to produce typologies of comparatively simple, adaptable buildings that are excellent value for money, will stand the test of time and can be customised to suit the needs and tastes of different households. The foundations, elemental structure and roof are strong and built to last. The aim is to produce typologies of comparatively simple, adaptable buildings that are excellent value for money, will stand the test of time and can be customised to suit the needs and tastes of different households.

The 'raw' materials should aim to be of a high enough quality to leave in a raw condition; owners/ occupiers can finish them if they wish.

'Craft' refers to the hand-made or particularly artul fabrication and finishes of areas ... a floor, the front door, a key window or a hearth and chimney.

Resilience and adaptability

The focus for the proposed housing typologies has been to design in the capacity for change, for ease of maintenance and for durability - simple and strong. Entrance halls are generous and double height with a view of the garden to the rear. The internal layouts are simple and broken plan; bedrooms are small; all with good storage options. The typologies come supplied with options for changing and even growing over time. In-built garages can be converted to an additional bedroom or study. Winter gardens and roof terraces can likewise be converted or add-

A Natural Home

healthy atmosphere.

2. Generous floor to ceiling and large value. windows for ample daylight throughout the home including a double height entrance

An Efficient home

4. Solar gain and thermal mass used to regulate temperatures throughout the year. 5. Passive heating through winter gardens.

6. Provision for fuel cell technologies and heat and power.

A Practical Home

7. Layout and circulation which enables rooms to be converted and new rooms added.

8. Provision to built-in storage throughout the

A Smart Home

9. Central hub for control from smartphone at home or away. Motion sensors to trigger lighting and heating.

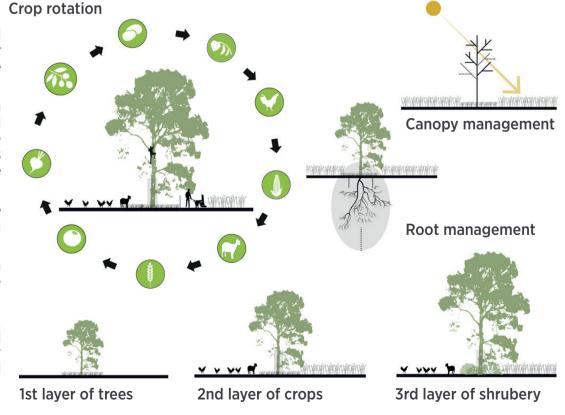
1. Qualities of natural finishes enhanced for a Agroforestry is the practice of growing trees and crops and/or livestock on the same land area for greater productivity, biodiversity and landscape

> By integrating trees with crops, livestock production and amenity areas, the tree cover can be expanded considerably with the major advantage that the trees themselves provide resilient food, materials and carbon-neutral energy while helping to increase agricultural productivity and landscape value.

3. A 'fabric first' approach to minimize energy Besides the productive and environmental value, the trees also act as a community generator, bringing people of all ages together.

At the same time the trees are also used as a framework element in setting out the premise of the new development.

Rotating crops like hops, barley, potatoes, wheat, ground source heat to provide decentralized peas, brassicas with livestock as chicken, sheep and goat along the nine hamlets will provide a variety of products along the year whilst balancing soil



Protection from the wind Taking advantage of sunlight Tree alignment