

KEY DESIGN CONCEPTS

AREA 1

APPLICATION OF KEY PRINCIPLES: MOVEMENT

- Multiple connections to north bank providing strong, clear pedestrian and cyclist friendly connections into town centre.
- Perpendicular grid structure references Bootle's traditional urban structure, maximises permeability and allows orientation of routes to maximise views towards canal and waterside spaces.
- Aiding legibility and appeal of longer distance connections towards Liverpool including by water (i.e. leisure craft and water taxis)

Movement of boats, canoes and other leisure activities facilitated and encouraged by moorings / launches being integrated into the design of paths and spaces

Clear, people-friendly connecting routes through to main spaces

Canal side route widens to create a key public space: a destination that anchors the movement network, but also allows paths to flow seamlessly through

Generous tow paths accommodate free-flowing and high volume pedestrian and cyclist movements

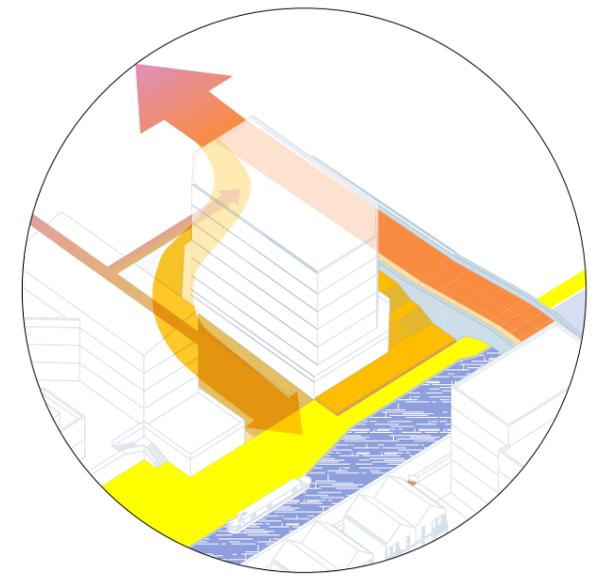
Residential streets provide clear and direct routes to canal edge

Generous, welcoming footways and steps to overcome levels changes at bridges, including integration with adjacent buildings

Alternate accessible route provided, avoiding steps and providing clear, safe and well-defined connection for people of all levels of mobility

Low speed residential streets designed to put pedestrians and cyclists to the top of the user hierarchy wherever possible

- Key radial route passing through town centre
- Active canal tow path
- Key pedestrian and cyclist-friendly connections
- Parking intercepting vehicular traffic, away from the canal edge



Inset: Area of maximum connectivity adjacent to bridge and main route(s), requiring careful integration of different transport modes and changes in ground level



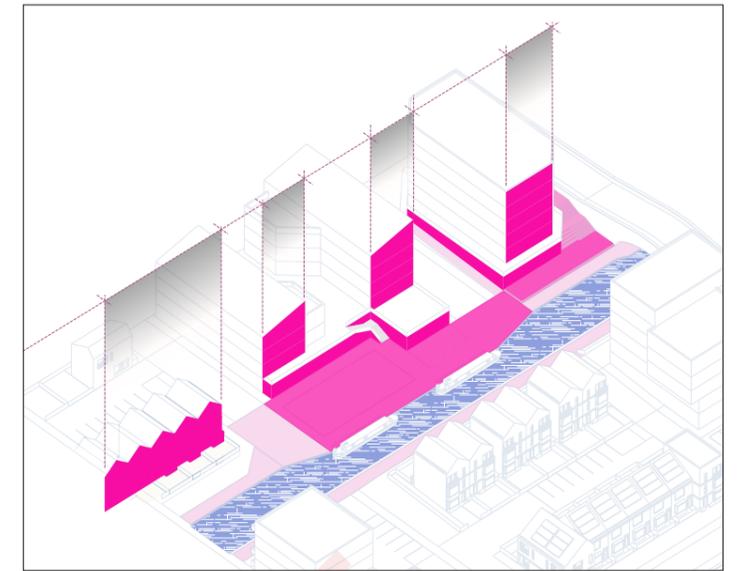
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APPLICATION OF KEY PRINCIPLES: SPACE

-  Dynamic arrangement of taller buildings clustered to animate, define and overlook principal public spaces
-  Interactive ground floor uses combined with building design create positive interface with principal public spaces and connecting routes
-  Frontage height of taller buildings designed to give spatial definition and enclosure to space, but with varied proportions to present a dynamic edge
-  Principal elevations and terraces designed to maximise opportunities for natural surveillance over all public spaces and canal
-  Roof terraces and active green roof providing additional amenity, outdoor space and overlooking

Inset: Taller buildings arranged with a balanced rhythm of solid to void to ensure buildings do not visually dominate key spaces, allowing light and visual connectivity, and maximising ground level access



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Raised residential terraces helping family homes to front onto canal spaces to provide definition and overlooking, whilst ensuring amenity and security

Public spaces utilising all available space to canal edge, with boats, moorings and water becoming an integrated part of the space

Linear green corridors enhancing routes to canal edge whilst also providing amenity and passive recreation for residential areas

Generous, welcoming footways and steps to overcome levels changes at bridges and provide a visible, overlooked and theatrical gateway to canal side

Residential parking located to reduce visual impact of parked cars whilst giving opportunity for communal gardens / amenity areas

Principal urban canal-side space: highly visible and accessible, predominantly hard landscape allowing flexibility for use including seasonal markets, events, performances, art installations etc.



KEY DESIGN CONCEPTS

AREA 1

APPLICATION OF KEY PRINCIPLES: FORM (1 OF 2)

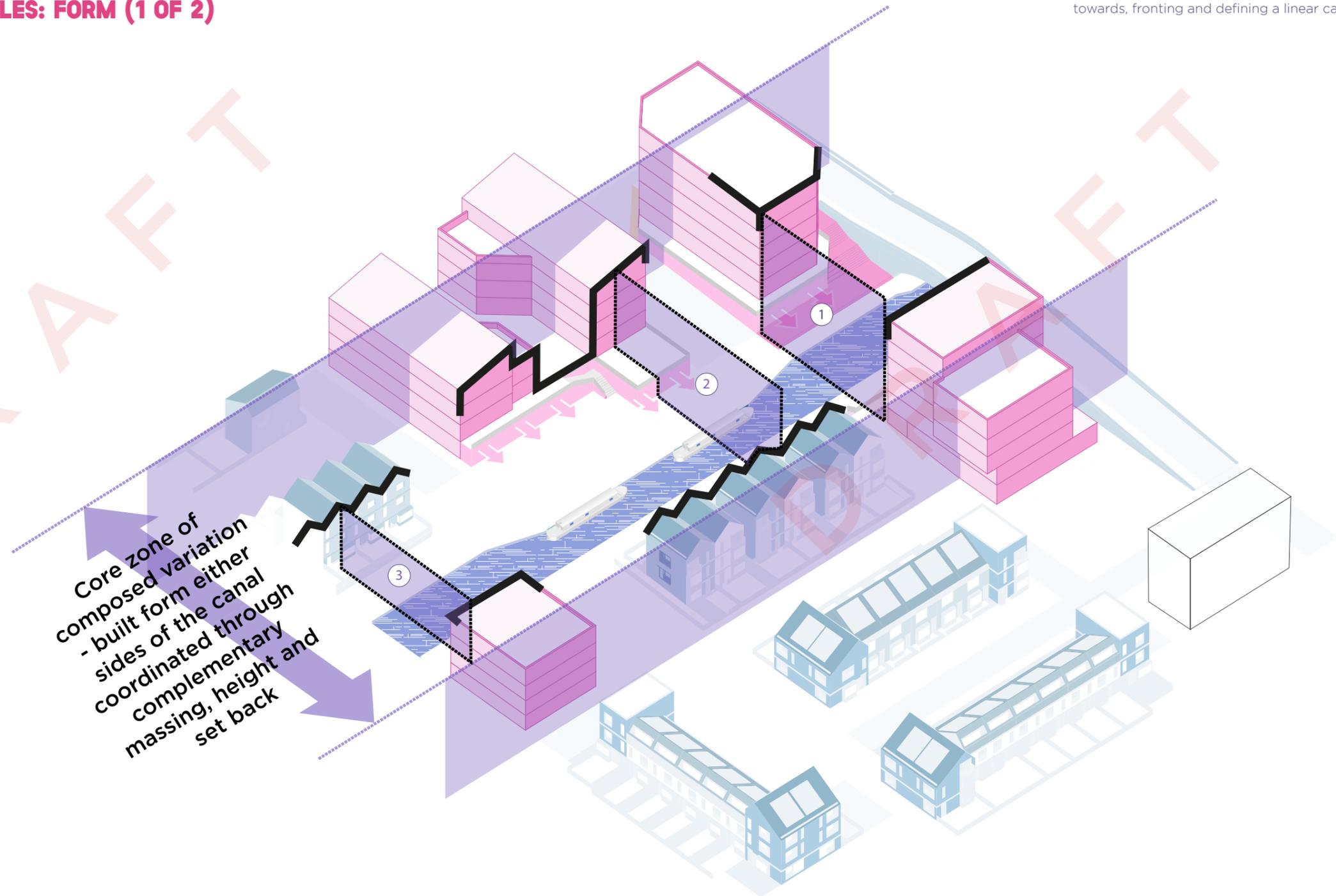
- Clustering buildings towards the canal edge: a linear 'core zone' of higher density development but with composed massing.
- Potential for residential density of c80dph, with higher densities orientated towards the core zone.

-  Buildings of greater height and more robust massing clustered to enhance the urban setting and reference industrial forms
-  Domestic residential formats with a higher density urban character based on a linear perimeter block

- ① Taller buildings creating definition and backdrop to principal space, funnelling / framing movement and views towards the space
- ② Varied, dynamic composition around key space, with building form set back to allow natural light and street level views penetrate into the space
- ③ Step down to a more domestic scale, but buildings maintaining an urban character, stepping forward towards, fronting and defining a linear canal space

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Core zone of composed variation - built form either sides of the canal coordinated through complementary massing, height and set back

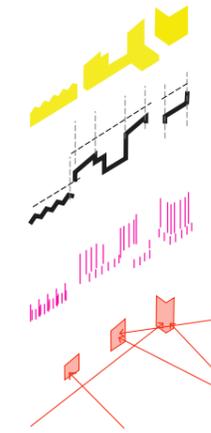


KEY DESIGN CONCEPTS

AREA 1

APPLICATION OF KEY PRINCIPLES: FORM (2 OF 2)

- Composition of roofline, views, landmarks and elevational rhythms arranged to deliver coordinated placemaking across the canal - form and space on either side scaled and located to complement the other



Coordinated principal frontage combining vertical and horizontal projection to create a dynamic waterside elevation

Varied but coordinated roofline and height profile balancing pitched and flat angles to give a vertical emphasis, and integrating industrial aesthetic references

Fined grained vertical emphasis to be integrated within elevational composition

Key elevations and corners emphasised with distinctive design features in response to forward views

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Raised terraces acting as shallow plinth, giving domestic buildings more presence in the composition, with a greater sense of vertical emphasis and enhanced definition of space

Positive frontage including corner turning elevations providing definition and overlooking of secondary / connecting routes

Internal and external building design of key building adjacent to main street to be coordinated with change in external levels and steps / ramps, and designed to present a '360 degree' frontage onto main street, canal and secondary connecting routes

Dynamic built form creating a distinctive landmark, with projections at ground floor meeting and activating adjacent spaces, and creating private terraces above to enable overlooking and animation

