

urban west offering sustainable transport links

and increased connectivity to green space.

Roxwell Road runs along the Southedge of Warren

Farm and is the current vehicle access point.

The site being agricultural land offers minimal

opportunity for wildlife, birds feed off the seed

during harvest and rabbit and badger burrows

occupythecirculatingfootpaths.Amaturehedge

wraps around half the boundary, thicker where

two streams sit either side of the site, One Bridge

Brook to the East and the River Can to the West.

Urban Chelmsford leans on the 50-hectare site.

Opportunity for existing communities to use

green space through a new park proposal.

Existing wooded areas on the boundary

provide vital habitat for wildlife. Links must

be created through the landscape to

provide a better connected ecosystem.

THE WILD REST

An Urban Proposal Pleading For Housing and Habitat Formation

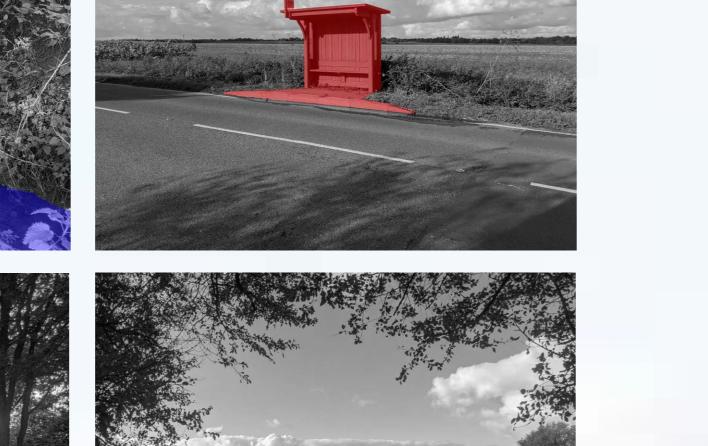
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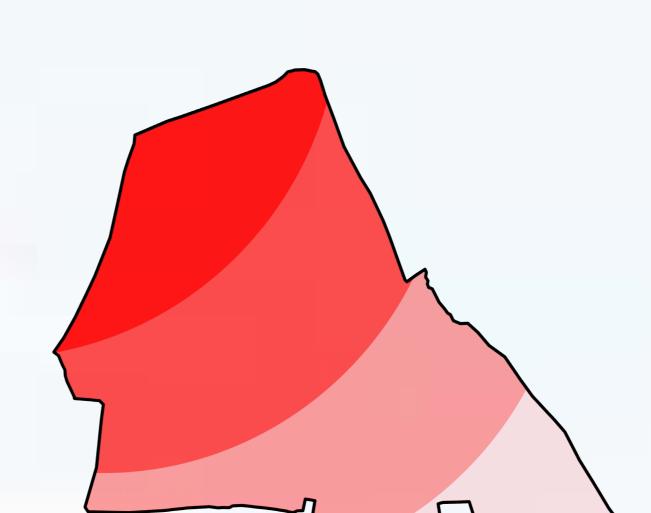
presented to excite the reader through the

capabilities of a new housing proposal and how it pushes forward the concept of "living

in the wild" and adaptable settlements.







"Let us green the Earth, restore the Earth, and heal the Earth" – Ian McHarg. To bring about a crescendo of nature and humanity within the living environment is a must for true green urban settlements. Developments should be blurred habitats for human and wildlife occupancy to allow the movement of species through the English landscape.

PROBLEM STATEMENT

Disconnected environments is a result of fast housing being built to make more homes available for first time buyers and keep up with demand. Urban sprawl into arable land is frequent within Essex as a majority of land has previouslybeenagricultural.Themodernhousing development needs to take advantage of habitat creation, creating woodlands, wetlands meadows, pastures and other habitats alike



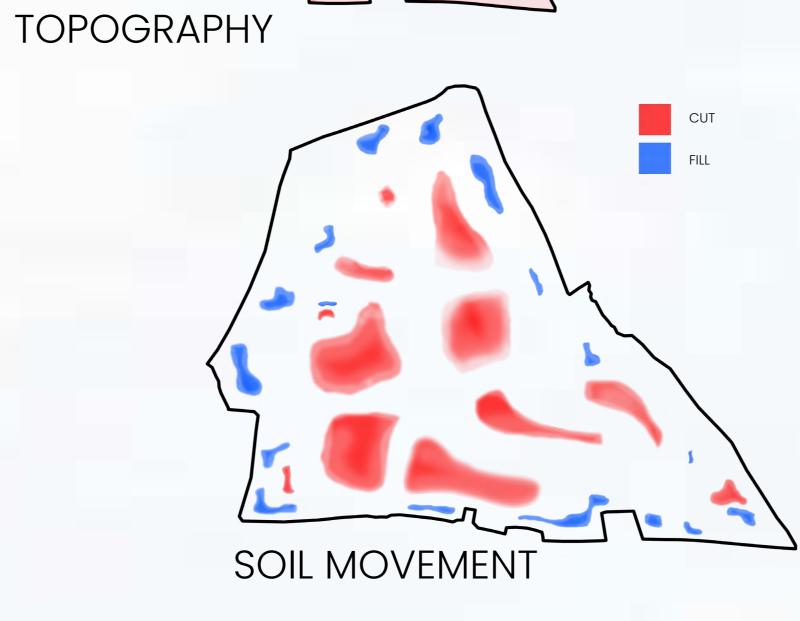
Provide areas for organic food production and community event space to increase the Genius Loci so people adopt and enhance a new settlement

Help species thrive in a biodiverse environment by forming matrix habitats that connect accross the site

Develop Chelmsford's green infrastructure and local economy using ecosystem

climate change

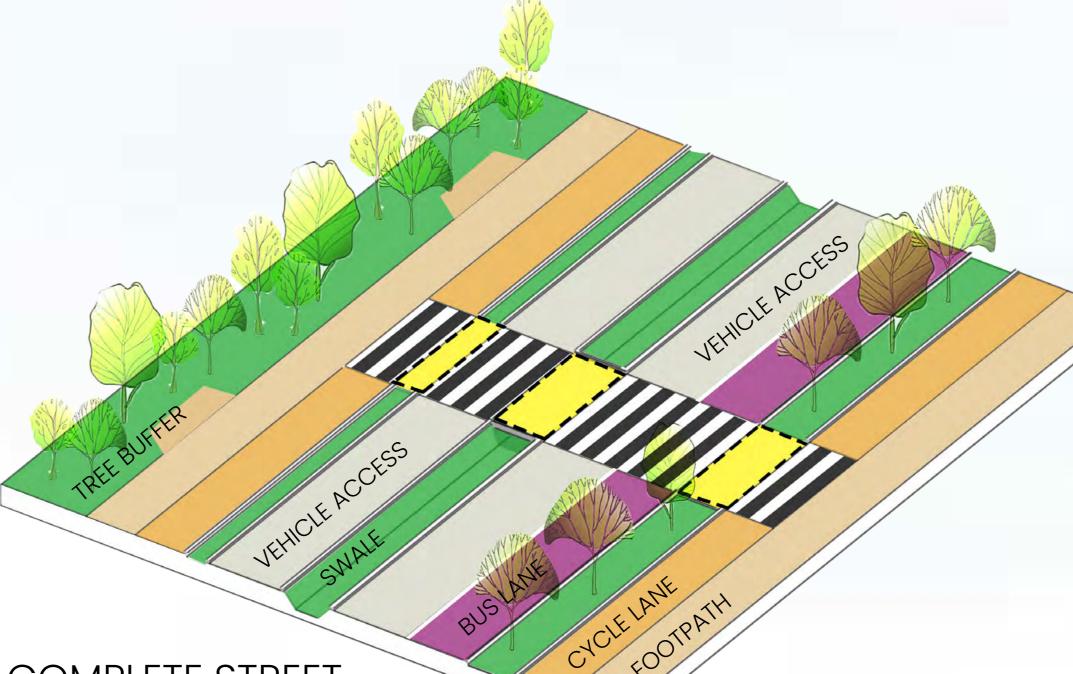
Make sustainable travel the preferable mode of transport throughout the site to decrease toxic emissions and prevent the effects of



TYPOLOGIES

A complete street road network will increase the sustainability on site. Water will be captured through swales and dispersed into the ground or collected for greywater storage to use in buildings. A majority of green roofs accross the site will create a raised garden layer which provides additional food for wildlife communities.

Establishing a Green Infrastructure in an existing urban environment can prove difficult in terms of space and intervention. However, designing in Green Infrastructure from the beginning can create amazing spaces that are incredibly beneficial.



RAIN GARDEN FOOTPATH CYCLE LANE SWALE ROAD SWALE ROAD BUS LANE SWALE CYCLE LANE FOOTPATH 2m 2m 2m 2m 2m 2m 2m

CONCEPT DEVELOPMENT

Adopting 'Nature Led Design' as a narrative, the concept is formed through the existing sites Genius Loci. The openess of the field leads to a dominating sky which is set to be a driving feature when designing the housing typology. The Design is influenced by the land fall and natural flow of water accross the site. This is to acheive a sufficent sud system and dynamic parkscape accross the entire development.

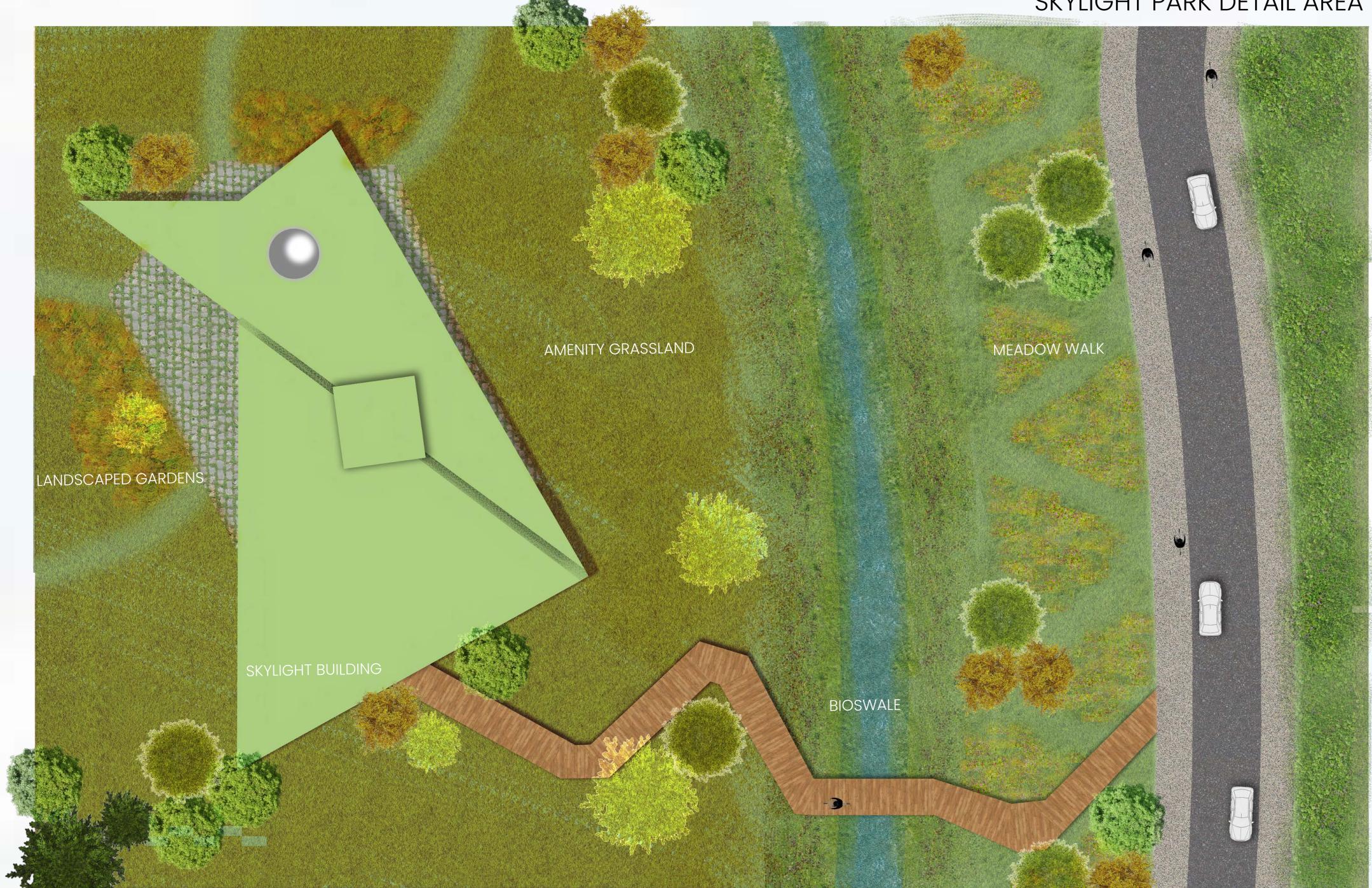
DWELLINGS

Opportunities for green roofs can be greatly increased through the design of homes. By implementing home efficiency techniques such as thermal mass, thickened insulation, and solar panelling, homes can be a sustainable technology in of itself.









Dm 2 6 10 meters

The detail area shows the northern point of the site where the Skylight building will be located with surrounding gardens. The building sits adjacent to the bioswale that runs directly through the development. The building serves as a destination for site visitors. It is inspired by James Turrell's lightspace art works and encaptulates the sky which once dominated the baron agricultural land.



SOCIAL HOUSING

