

HUDSONArchitects



Hudson Architects and CobBauge: Ethos, design principles and aspirations.

Anthony Hudson

Gabriela Lavatelli

HUDSONArchitects



AN OPEN MIND

THE WORK OF HUDSON ARCHITECTS





Le Petit Fort Jersey



Eyrie Harleston



Cedar House North Elmham





Baggy House Croyde



Traditional Cob House Croyde

PROPOSAL - USING MATERIALS FROM SITE

We have now undertaken soil analysis of earth from the site in order to check it's suitability for construction and to inform our decisions on the best methods to be used.

A trench was dug and exposed two different bands of soil with differing composition. Analysis of the soil shows a high clay content (see Appendix 1 for report). This makes it ideal for either clay lump or cob wall construction but not for rammed earth (see detailed analysis from Colin Williams in Appendix 2). For either type of construction the soil requires modification with the addition of sand and straw in order to make it useable for building. This is normal for this type of construction.



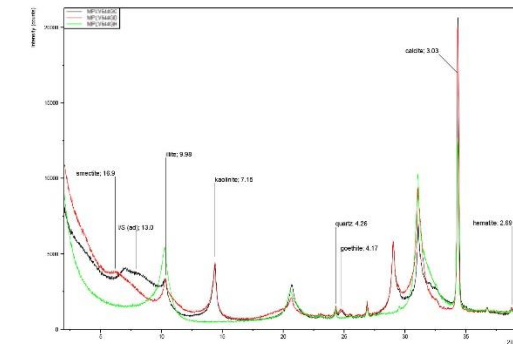
Trial trench being dug on site to analyse the soil



**British
Geological Survey**
NATURAL ENVIRONMENT RESEARCH COUNCIL

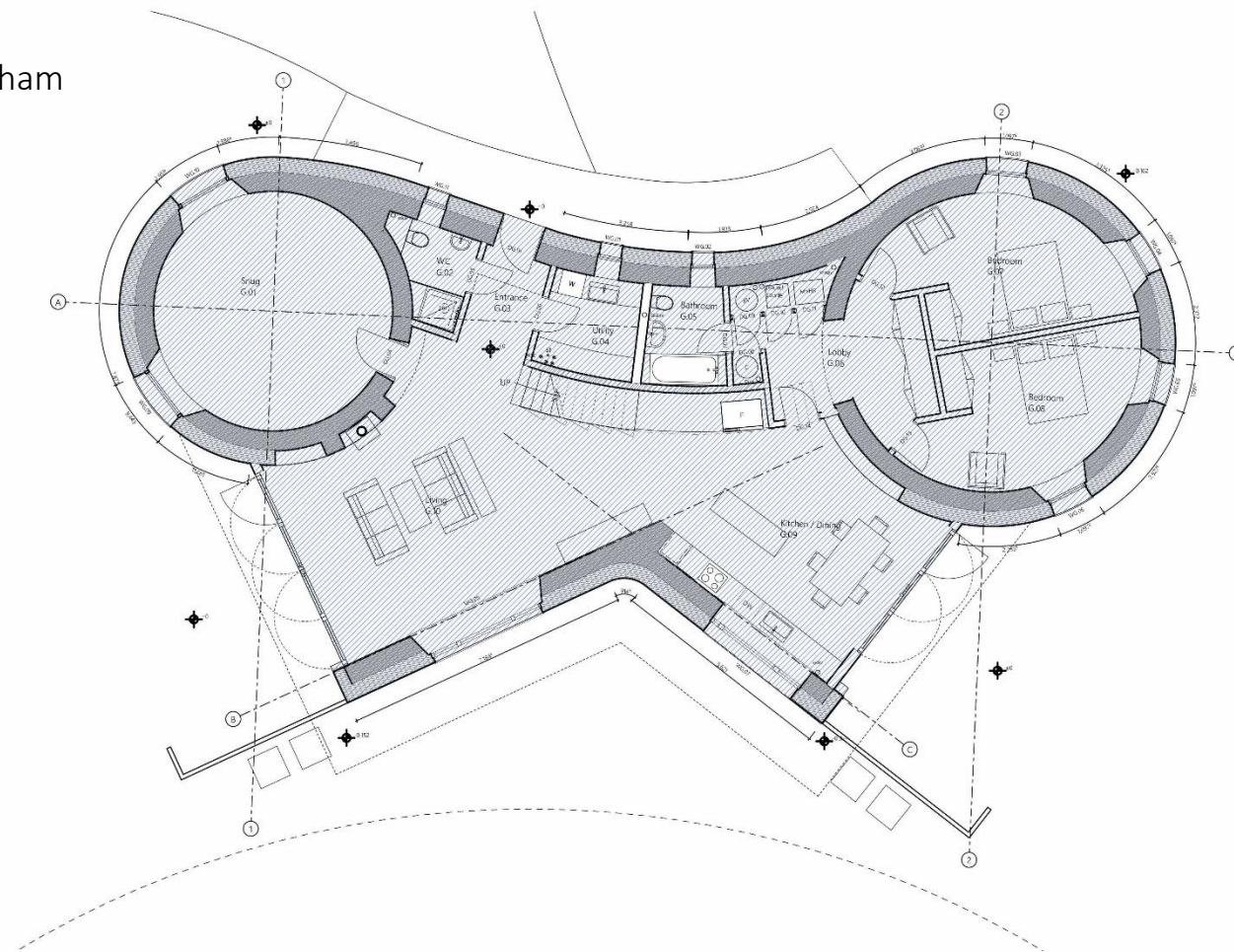
Mineralogical and particle-size analysis of till samples from Norfolk

Ore Deposits and Commodities Team
Commissioned Report CR/17/076



Report: Analysis of soil samples (see Appendix 1)

Earth House Foulsham



1:100
0m 1m 2m 5m

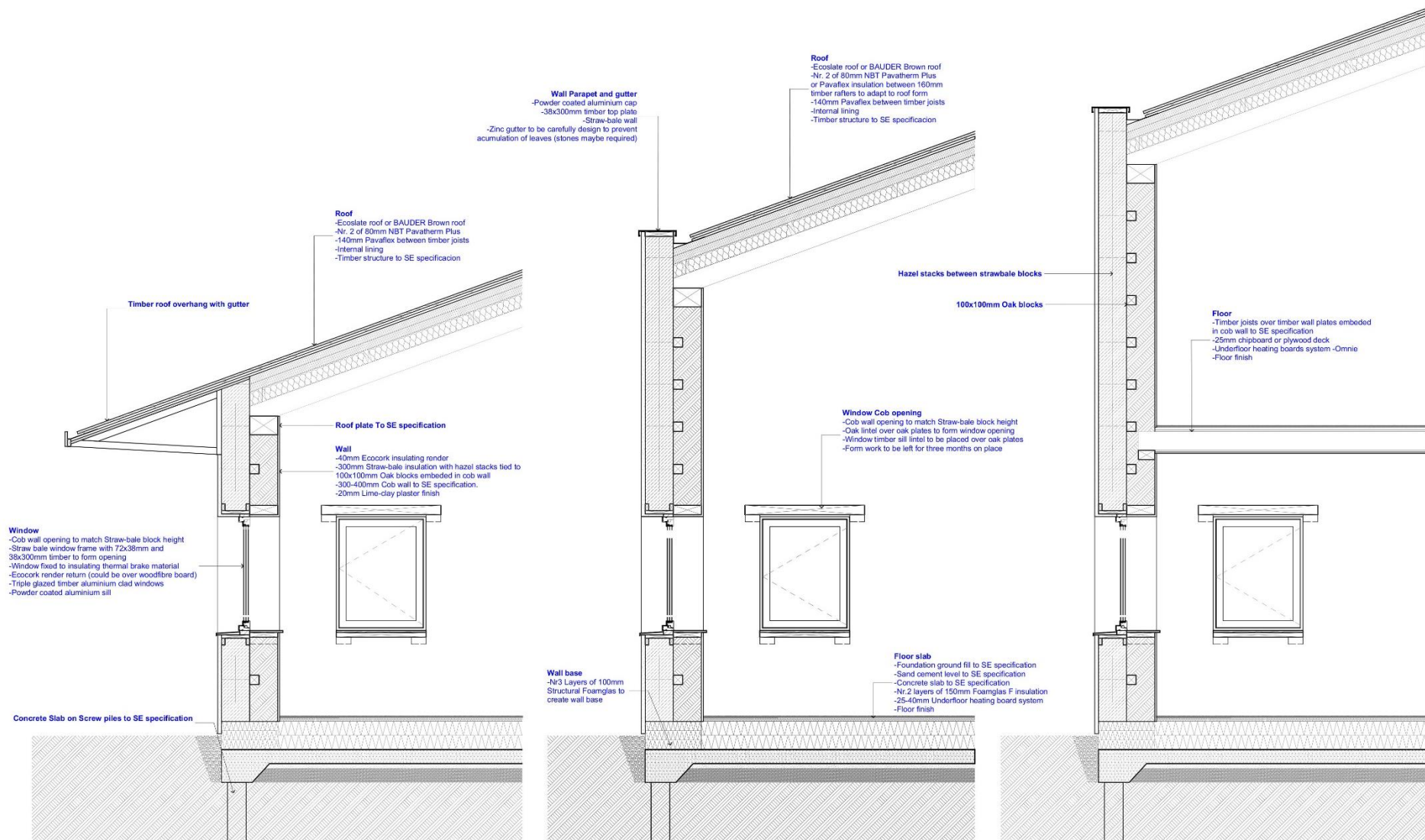
HUDSONArchitects <small>www.hudsonarchitects.co.uk</small>	client JUDY & CHARLES LEVINE	GA-000
	site EARTH HOUSE FOULSHAM	
	address MANOR HOUSE FARM, BEEPHAM ROAD, NORFOLK NR20 5PP	project code EHF
	title GENERAL ARRANGEMENT PLANS stage GROUND FLOOR AREAS	status
drawn T100@AS	date	<small>Do not scale off dimensions. Check all dimensions on site and make any changes due to irreconcilable. This drawing is copyright of Hudson Architects.</small>



Earth House Front View



Earth House Rear View

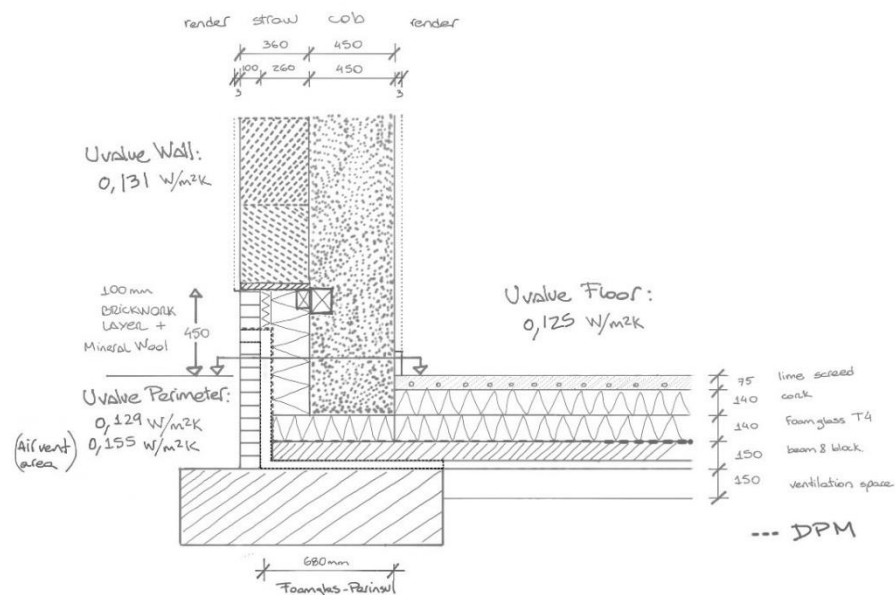
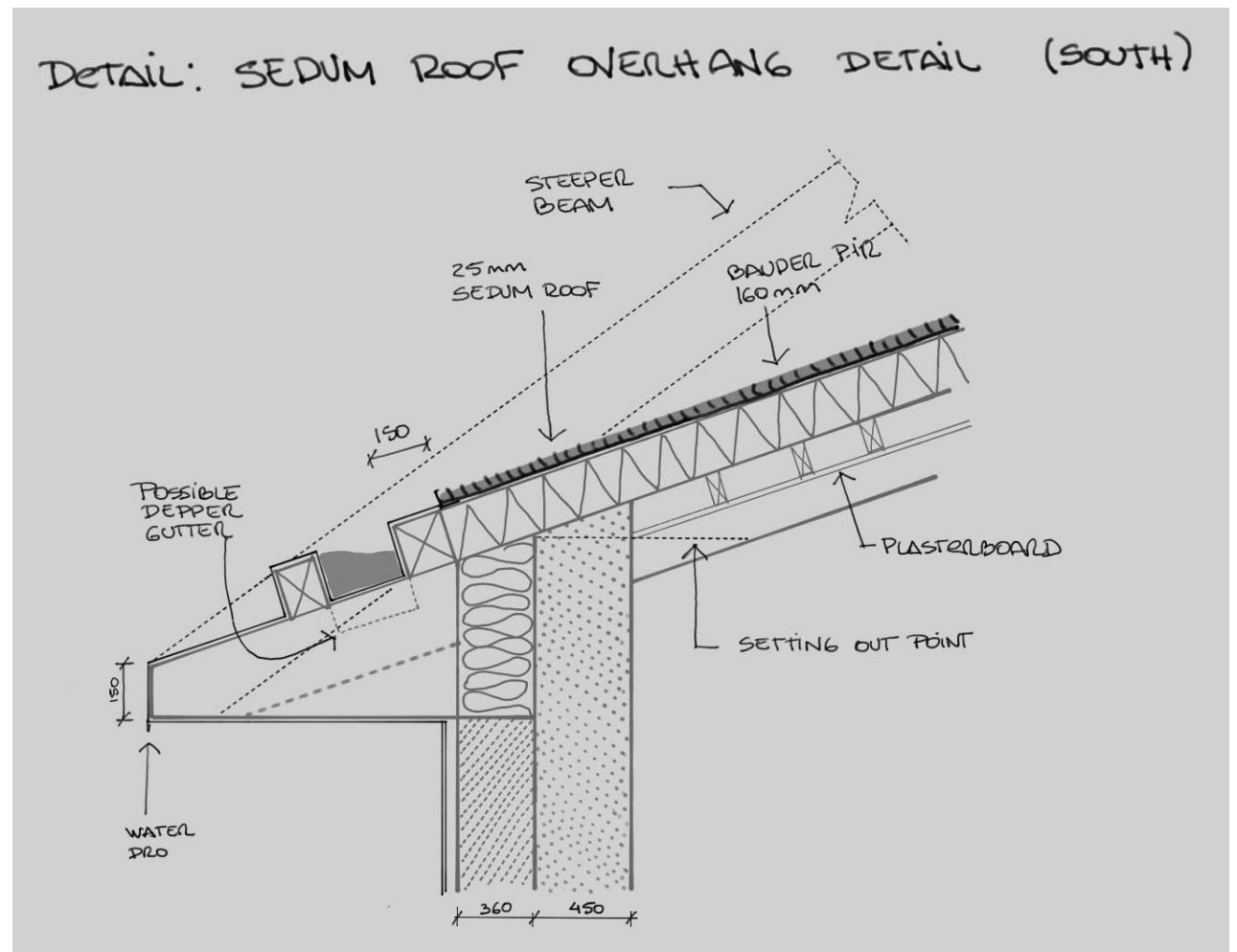
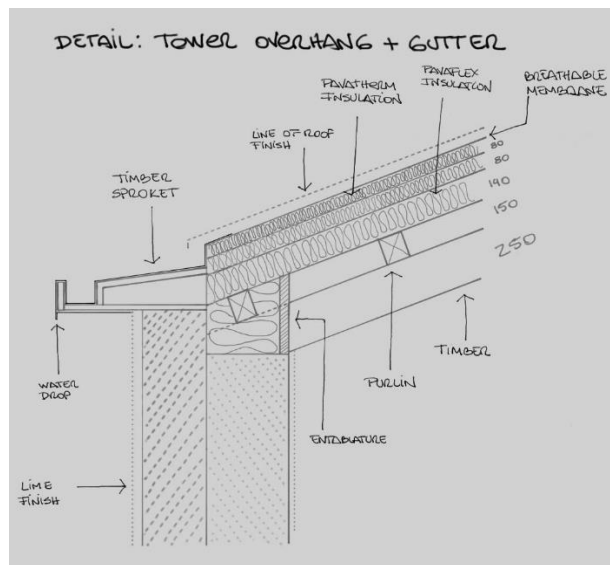


Section 1 through south wall

Section 2 single storey drum

Section 3 2 storey drum





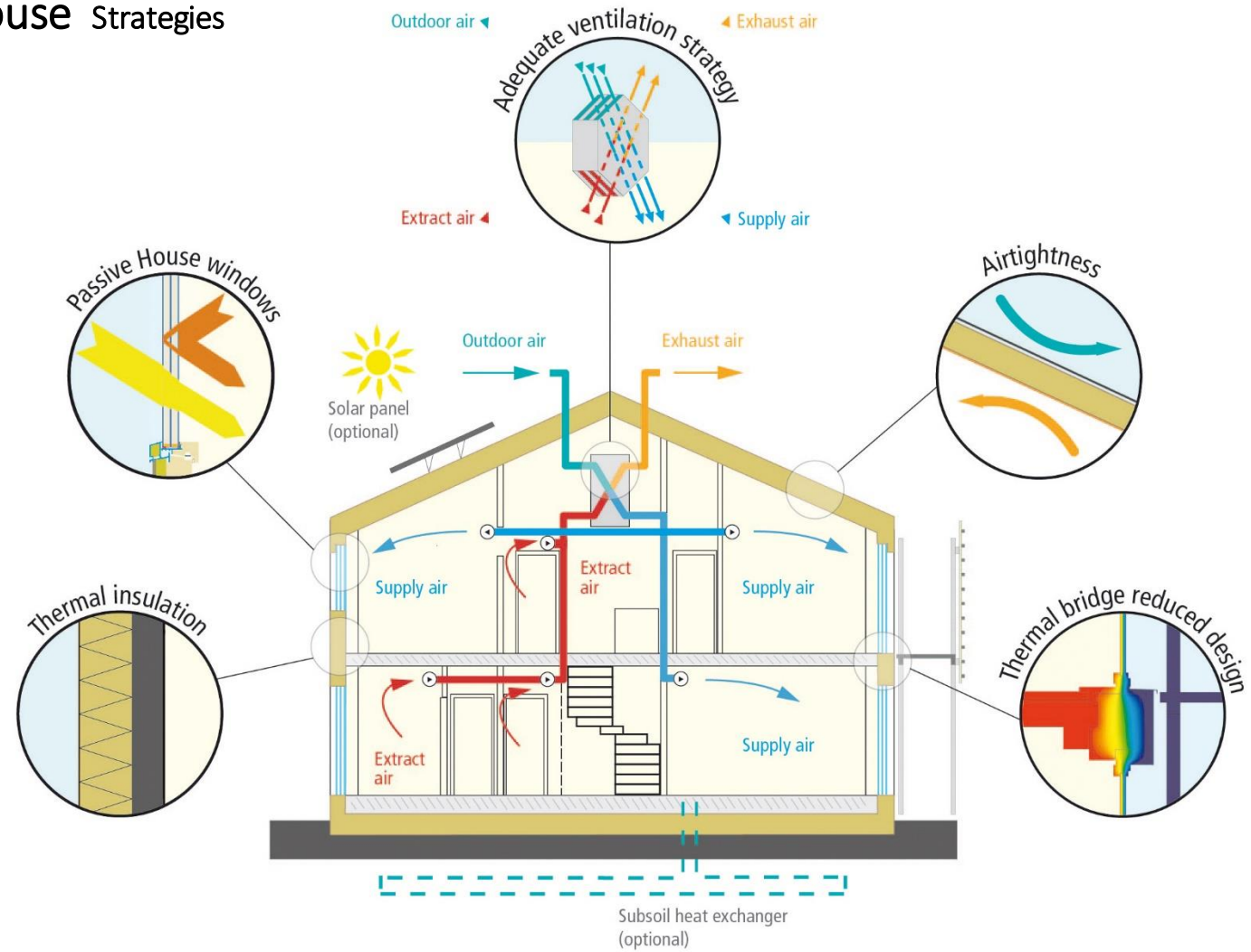


Octagon Park Little Plumstead



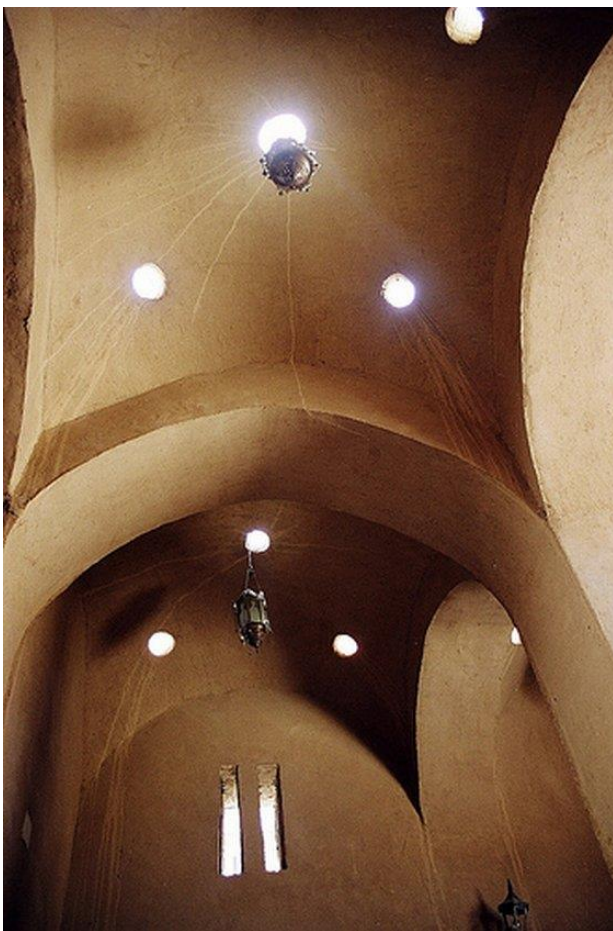
Octagon Park Little Plumstead

Passive House Strategies



Building Biology Categories

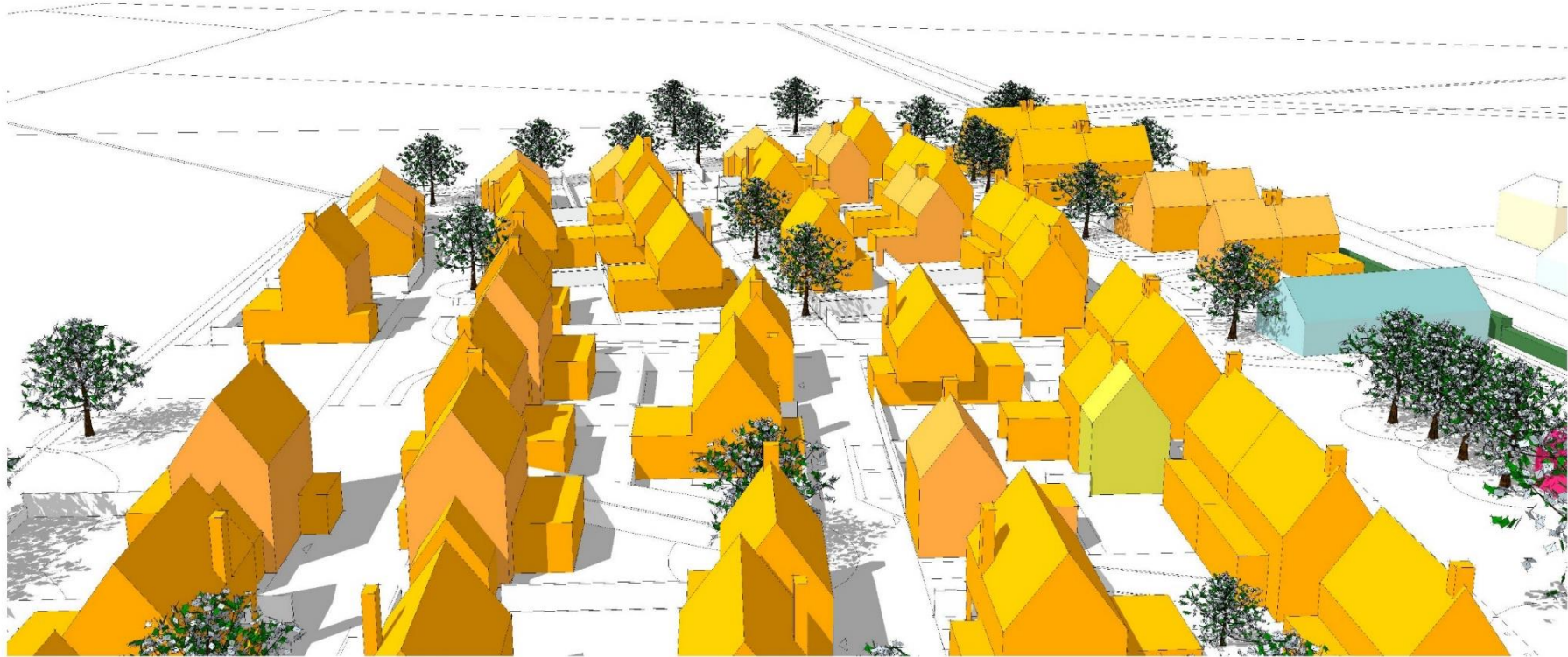




Hassan Fathy Precedent



Baron's Walk Fakenham

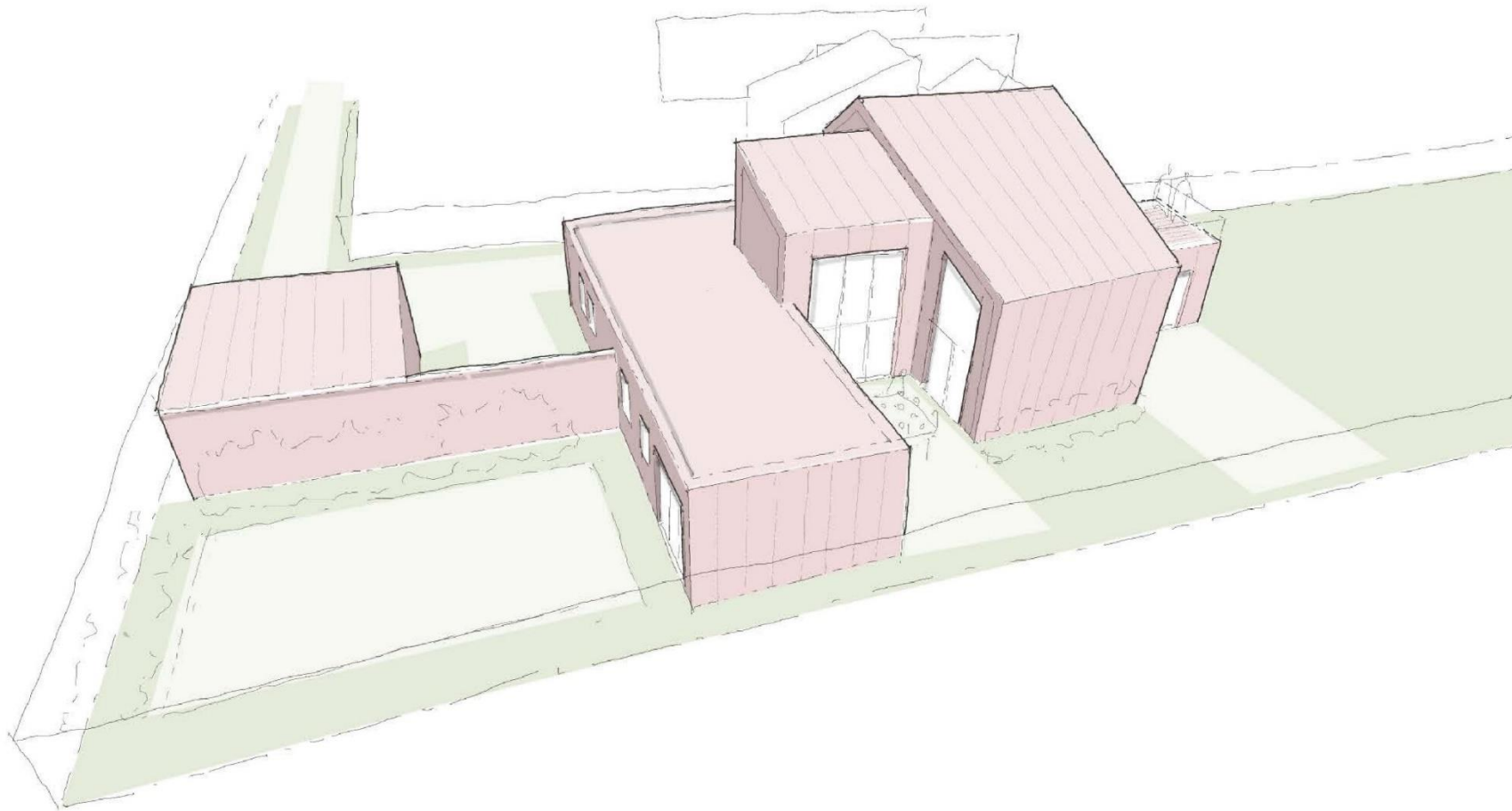


Milestones Bixley



Milestones Bixley

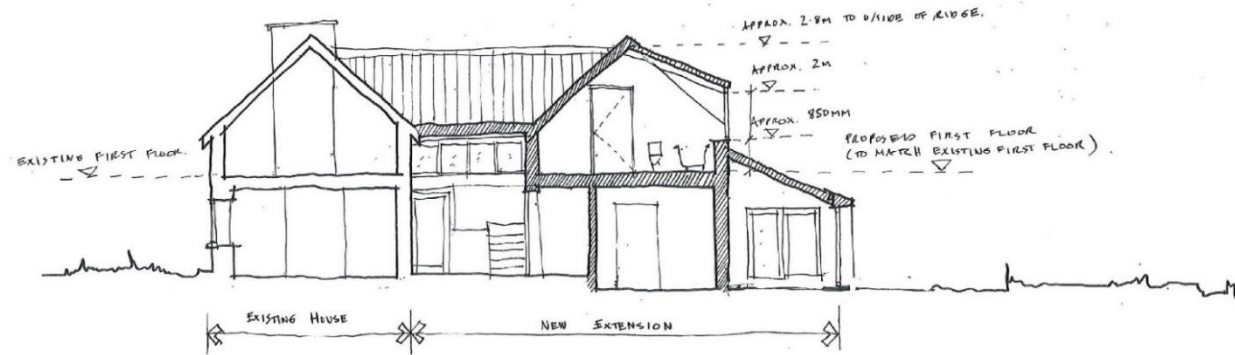




Clarkes Lane Thursford



Blacksmith's Cottage Forncett



Blacksmith's Cottage Initial Design

