# **Carter Jonas**

### PROJECT TITLE **ARTEMIS LAND & AGRICULTURE**

### DRAWING TITLE

**CHICHESTER DISTRICT: KEY CONSIDERATIONS** 

REV. DESCRIPTION ISSUED BY London T: 020 7016 0720 DATE 30.09.21 DRAWN SCALE@A2 NTS CHECKED APPROVED JC STATUS Draft

APP. DATE

NM

JC

DWG.NO. J0040996\_016

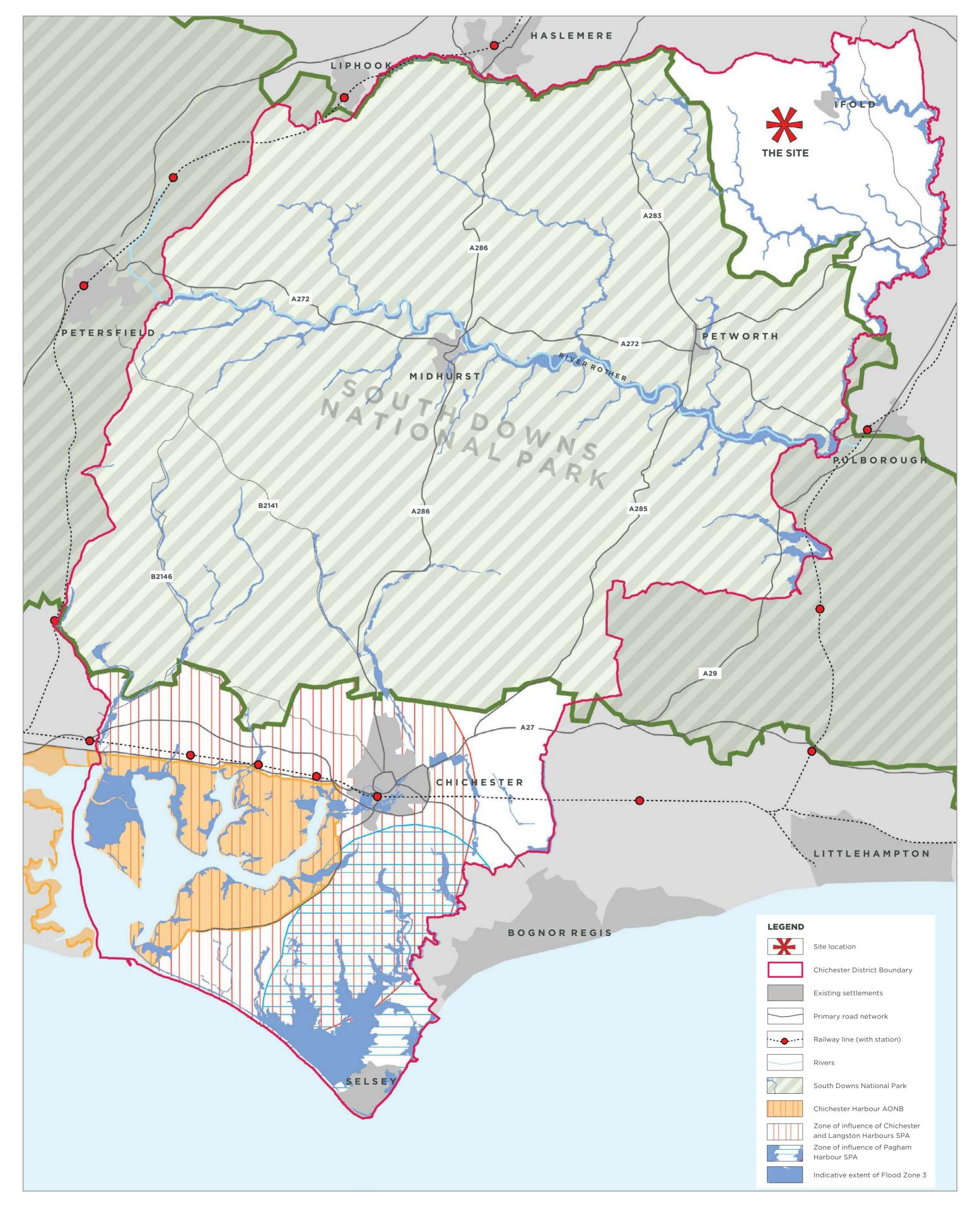
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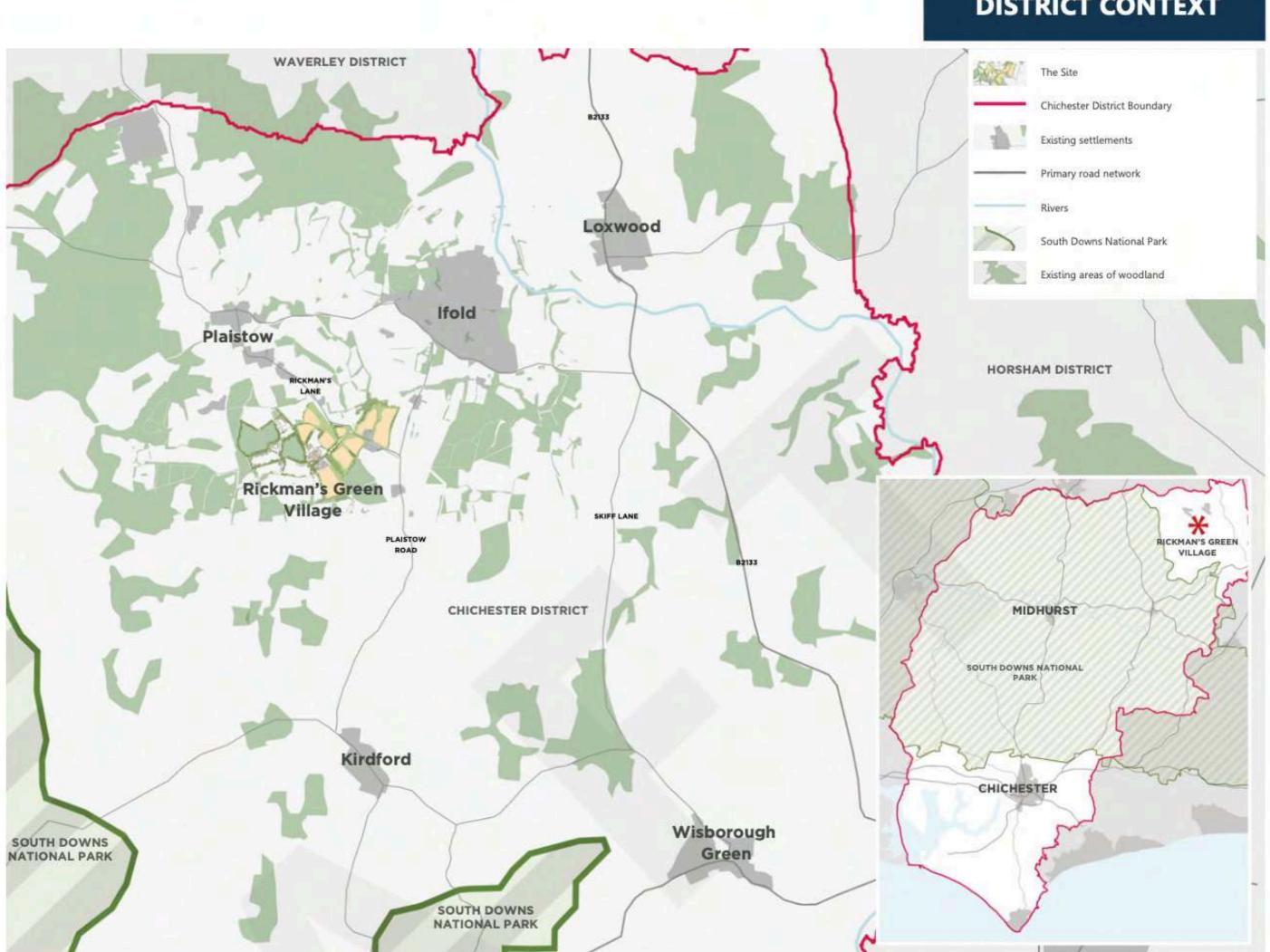


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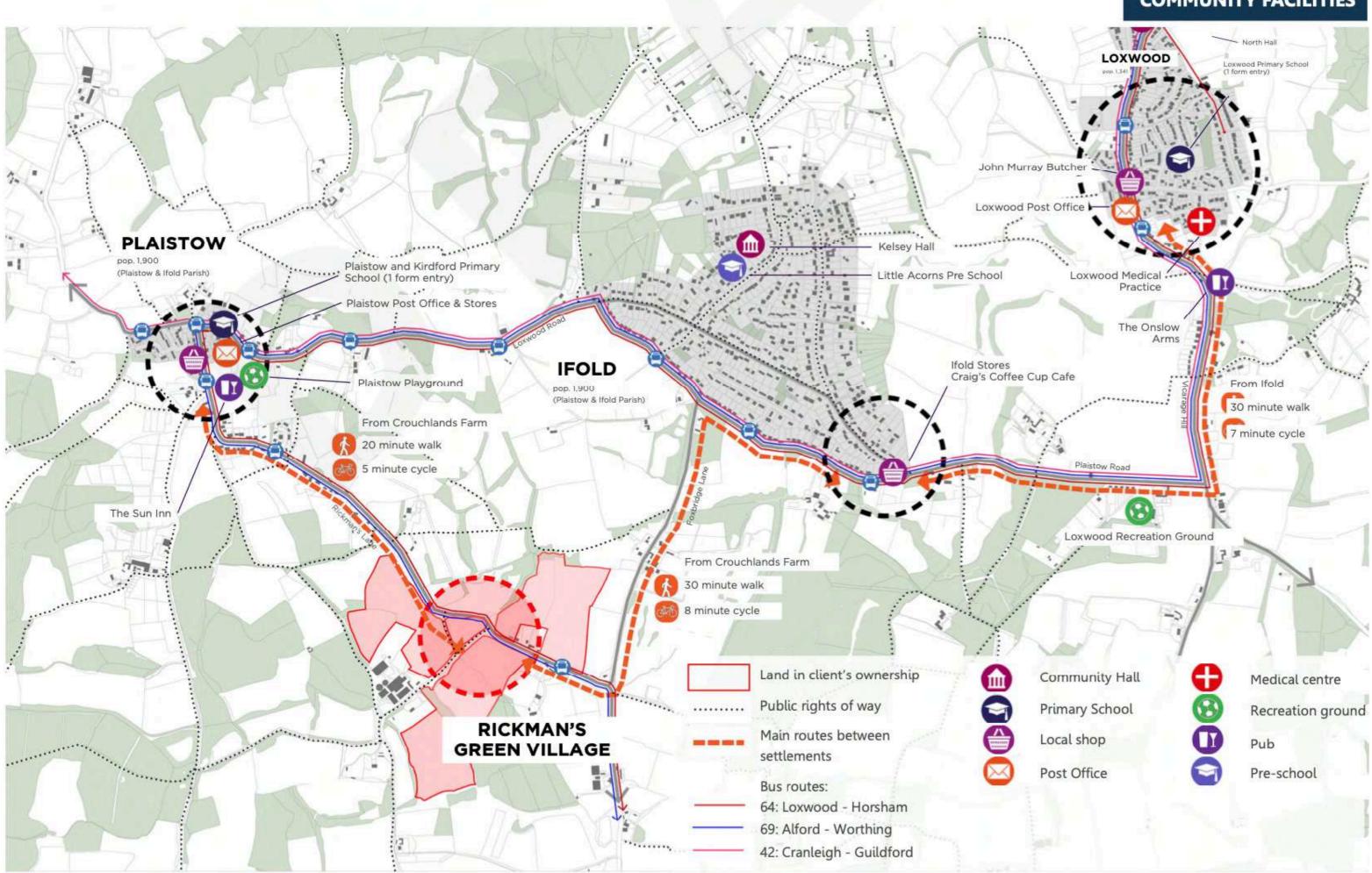
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Source: Ordnance Survey

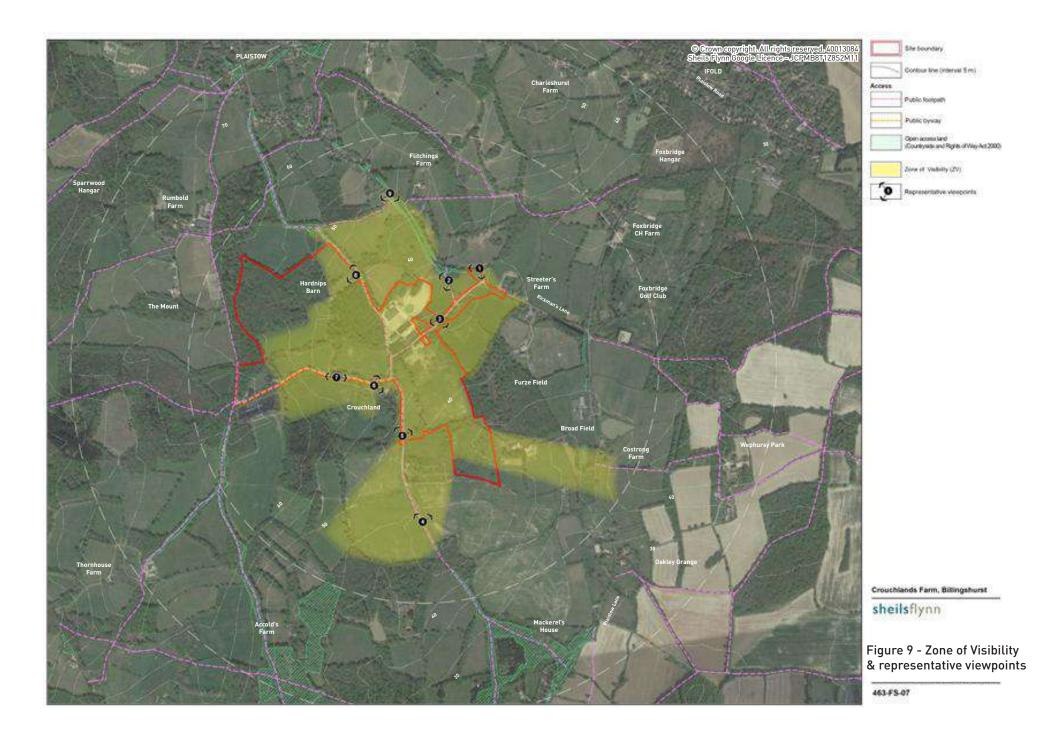




# DISTRICT CONTEXT



# COMMUNITY FACILITIES





# LEGEND

Overall ownership boundary

Residential application boundary

Development areas

Main access points

Areas of public open space

Potential location of primary school,

special educational needs and early years provision

Community uses / play

Potential location for surface water attenuation

- 1. Potential location of primary site access from Rickman's Lane, serving both the development areas north at Streeter's Farm and south on Crouchland's Farm
- 2. Potential locations of secondary access points to the wider areas of proposed residential
- 3. Key areas of open space, accommodating retained trees and hedgerows in green corridors
- 4. Potential location of 2 form entry primary school with provision for special education needs and early years
- 5. Alignment of public right of way retained between development parcels
- 6. Potential link through to the public right of way to the north of the Site
- 7. Potential location of community uses / play

# **Residential Uses:**

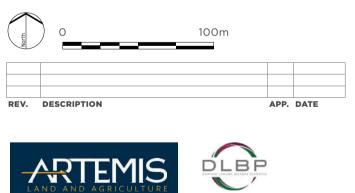
| Ref | Area     |
|-----|----------|
| R1  | 0.43     |
| R2  | 0.54     |
| R3  | 2.07     |
| R4  | 1.73     |
| R5  | 1.62     |
| R6  | 3.66     |
| R7  | 0.89     |
| R8  | 1.09     |
| R9  | 1.13     |
|     | 13.15 Ha |

**Total potential** dwellings:

up to 600

# Non Residential Uses

Education Use: 2.07 Ha (2 hectares for a 2 form entry primary school provision & 0.07 hectares for special educational needs and early years provision)



# Carter Jonas

ARTEMIS

PROJECT TITLE ARTEMIS LAND AND AGRICULTURE

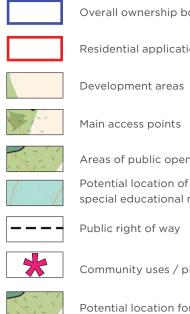
DRAWING TITLE FRAMEWORK MASTERPLAN & WHOLE FARM PLAN

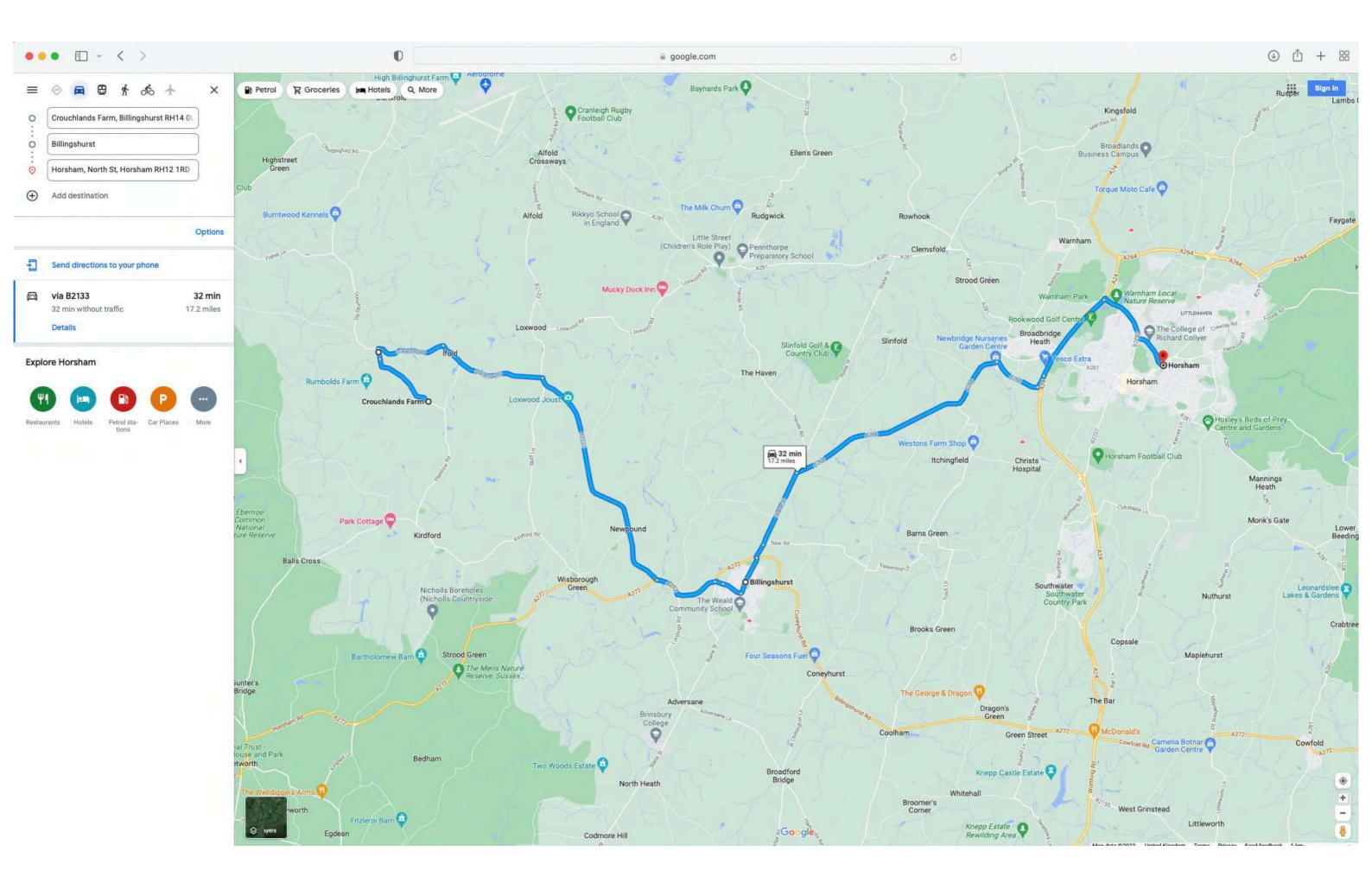
ISSUED BY London DATE 28.06.22 SCALE@A1 1:2500 STATUS Draft

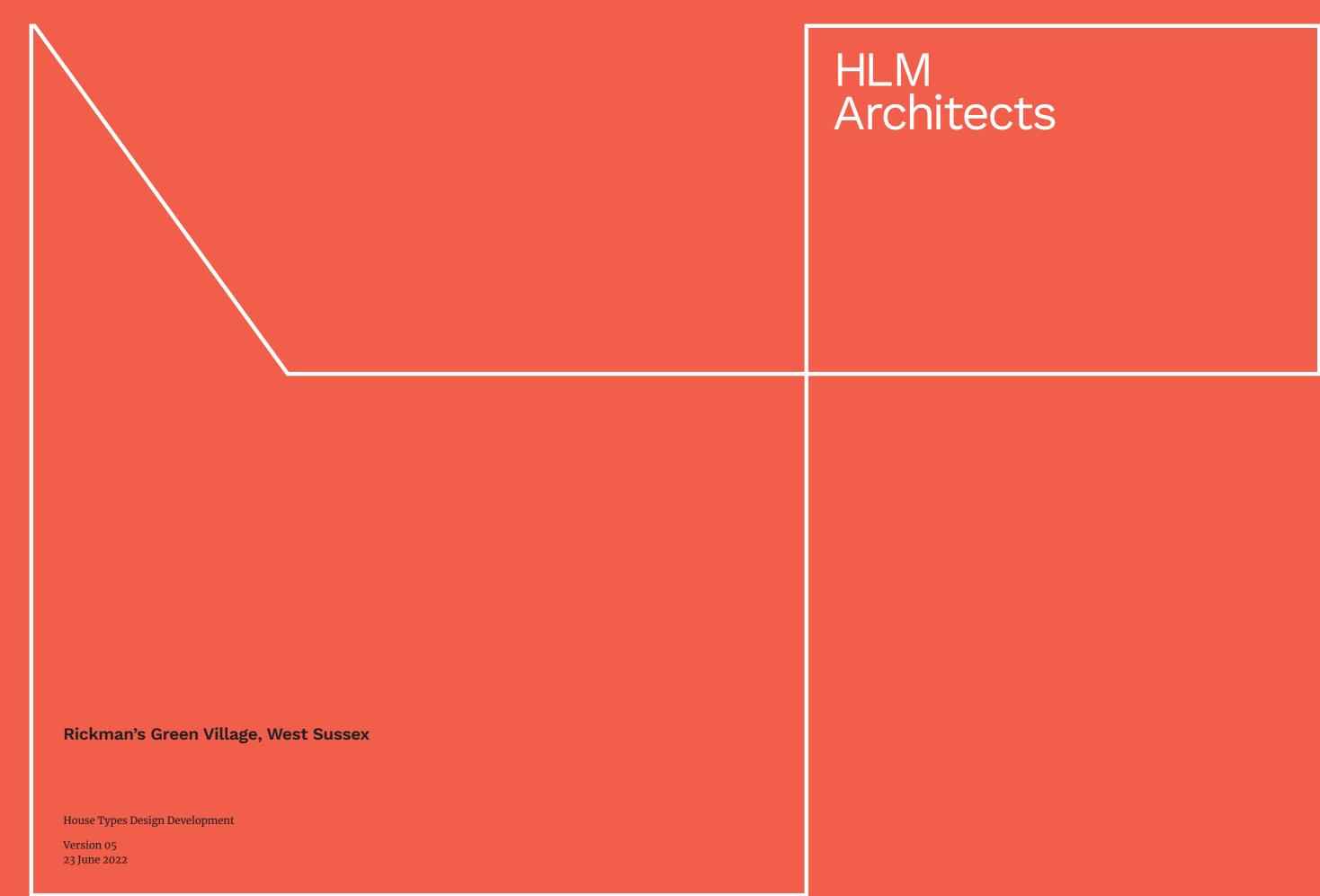
T: 020 7016 0720 DRAWN CHECKED APPROVED

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# Contents

| 4  | Housing Mix           |
|----|-----------------------|
| 6  | Design principles     |
| 13 | Housing types (Draft) |

01: Housing Brief

# Defining the design parameters for homes.

# 01: The Housing Brief House Mix + Space Standards

# Proposed House Types

The following housetypes have been derived through research into surrounding local areas + upcoming and ongoing planning applications.

Please note : All housetypes and associated sizing is subject to change with further development and we suggest market testing for an understanding of need, demand and viability to further the brief.



| HouseType             | Occupancy |
|-----------------------|-----------|
| 1. 1Bed Apartment     | 2person   |
| 2. 2Bed Apartment     | 4person   |
| 3. 2Bed Terrace       | 4person   |
| 4. 3Bed Terrace       | 4person   |
| 5. 3Bed Semi-detached | 5person   |
| 6. 3Bed Semi-detached | 6person   |
| 7. 3Bed Detached      | 6person   |
| 8. 4Bed Terrace       | 6person   |
| 9. 4Bed Semi-detached | 7person   |
| 11. 4Bed Detached     | 8person   |
| 12. 5Bed Detached     | 10person  |
| 12. 5Bed Detached     | 10person  |
|                       |           |



| NDSS    | VS. | Proposed GIA* | т   |
|---------|-----|---------------|-----|
| 50 sqm  |     | 59 sqm        | Pri |
| 70 sqm  |     | 72 sqm        | Pri |
| 79 sqm  |     | 100 sqm       | Pri |
| 84 sqm  |     | 108 sqm       | Aff |
| 93 sqm  |     | 118 sqm       | Pri |
| 102 sqm |     | 156 sqm       | Pri |
| 102 sqm |     | 182 sqm       | Pri |
| 106 sqm |     | 118 sqm       | Aff |
| 115 sqm |     | 184 sqm       | Pri |
| 124 sqm |     | 193 sqm       | Pri |
| n/a     |     | 263 sqm       | Pri |
| n/a     |     | 245 sqm       | Pri |
|         |     |               |     |

\*All GIAs and areas are approximate and subject to development and do not include carports or garages.

### Tenure

rivate/ Affordable

rivate/ Affordable

rivate/ Affordable

ffordable

rivate/ Afforable

rivate

rivate

ffordable

rivate

rivate

rivate

rivate

# 02: Design Drivers

A summary of the key factors and considerations used to guide the design development of the house types.

# Design principles.

# The farmhouse

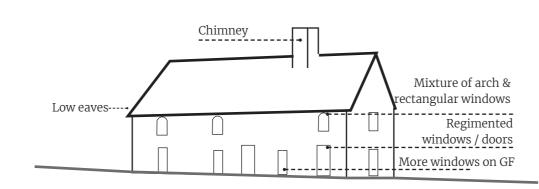
### The farmhouse

When analysing the vernacular architecture of the local farms, the farmhouse itself is the core of every farm, with several outbuildings surrounding it. The traditional farmhouse tends to be rectangular in shape, consisting of a gable roof with a chimney. As the main design driver in our proposal is the farm itself, creating a housing typology that reflects the farmhouse typically seen on a farm is a key element in order to achieve our design aspirations.

The following page sets out some of the key design principles that can be taken from the analysis of the farmhouse. These principles can then be applied to our house types in a contemporary way.











Buff brick





The farmhouse

# The farmhouse

The following page analyses how the design principles of the farmhouse can be applied in a contemporary way. This page illustrates some precedent examples that have achieved this.



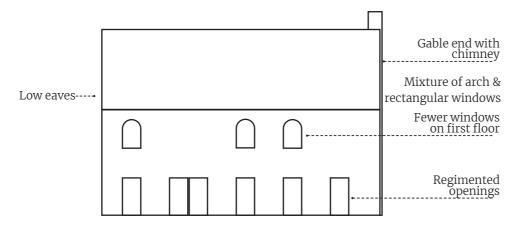


Arched windows

Low eaves

Regimented openings

### FARMHOUSE DESIGN PRINCIPLES:









Buff brick



Red clay roof tiles



weathered timber

Barn Typology

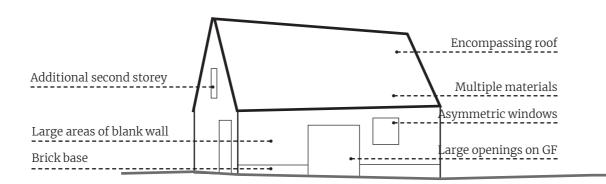
# The barn

When analysing the vernacular architecture of the local farms, it is evident that the barn is a key characteristic. The traditional barn tends to be rectangular in shape and consists of several materials. As the main design driver in our proposal is the farm itself, creating a housing typology that reflects a barn is a key element in order to achieve our design aspirations.

The following page sets out some of the key design principles that can be taken from the analysis of the barn. These principles can then be applied to our house types in a contemporary way.











| Weathered timber



Dark weatherboard



| Timber



| Buff brick

Barn Typology

# The barn

The following page analyses how the design principles of the barn can be applied in a contemporary way. This page illustrates some precedent examples that have achieved this.



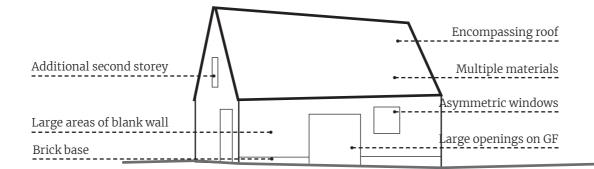


Large area of blank wall

Additional second storey

Multiple materials used Large opening on GF









# Material palette



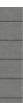
Encompassing roof

# Asymmetric windows

Buff brick

Dark weatherboard





Metal (zinc)

# The farm workers terrace

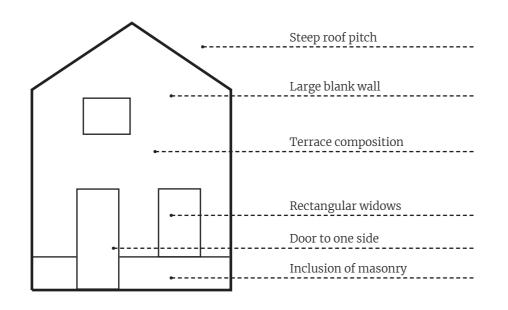
### The farm workers terrace

When analysing the vernacular architecture of the local farms, the farm workers terrace is a typical building seen in close proximity to the farm. The traditional farm workers terrace consists of a high pitched dormer roof. As the main design driver in our proposal is the farm itself, creating a housing typology that reflects the farm workers terrace typically seen nearby the farm is a key element in order to achieve our design aspirations.

The following page sets out some of the key design principles that can be taken from the analysis of the farm workers cottage. These principles can then be applied to our house types in a contemporary way.







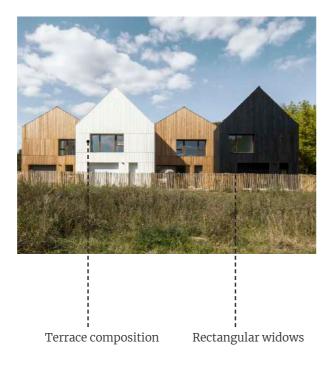


| White render

# The farm workers terrace

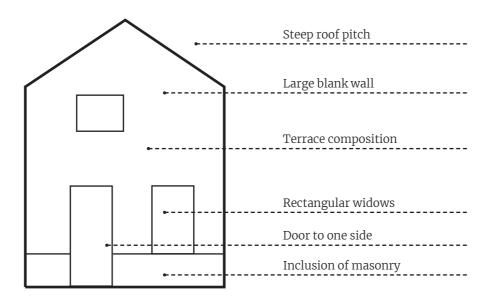
### The farm workers terrace

The following page analyses how the design principles of the farm workers terrace can be applied in a contemporary way. This page illustrates some precedent examples that have achieved this.





Steep roof pitch





| Buff brick



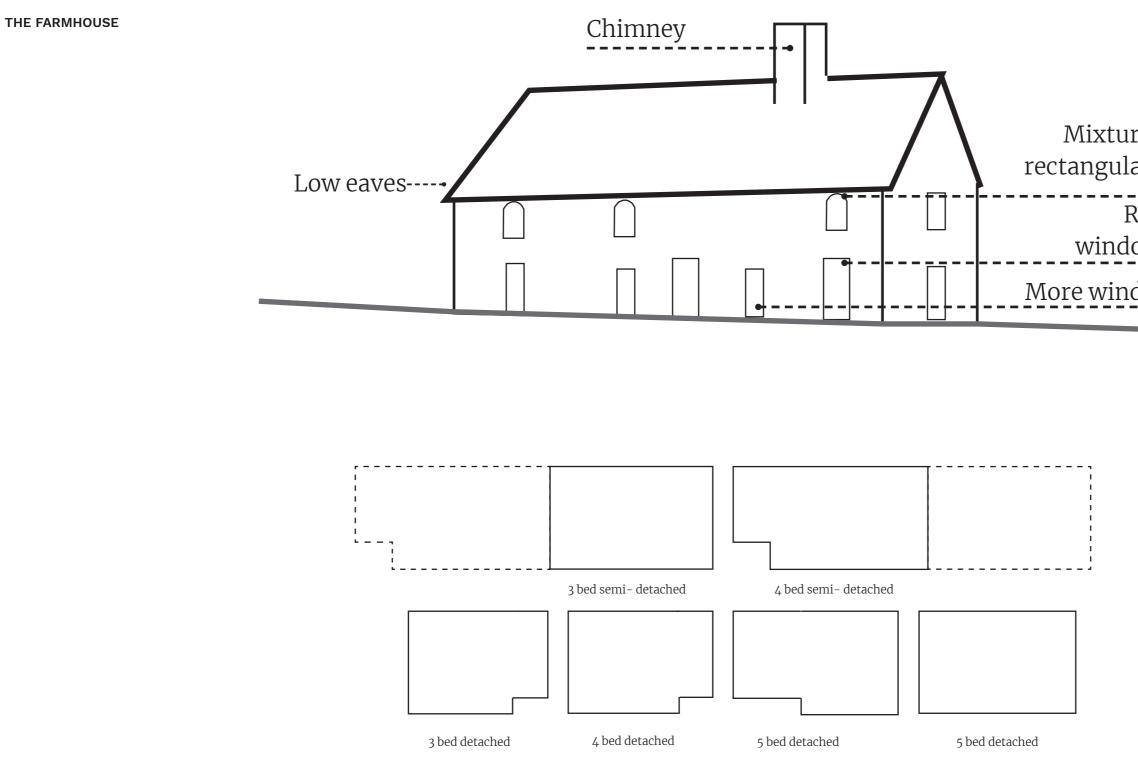
| White weatherboard



| Black weatherboard



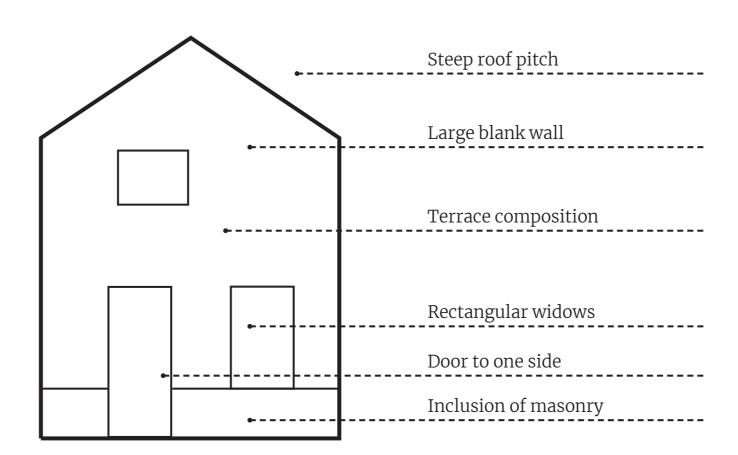
Housing typologies

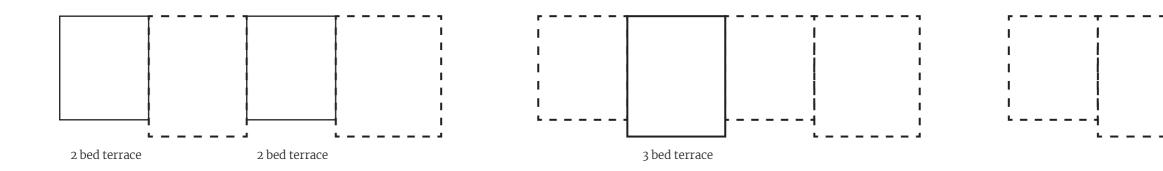


Mixture of arch & rectangular windows Regimented windows / doors More windows on GF

Housing typologies

THE FARM WORKERS TERRACE

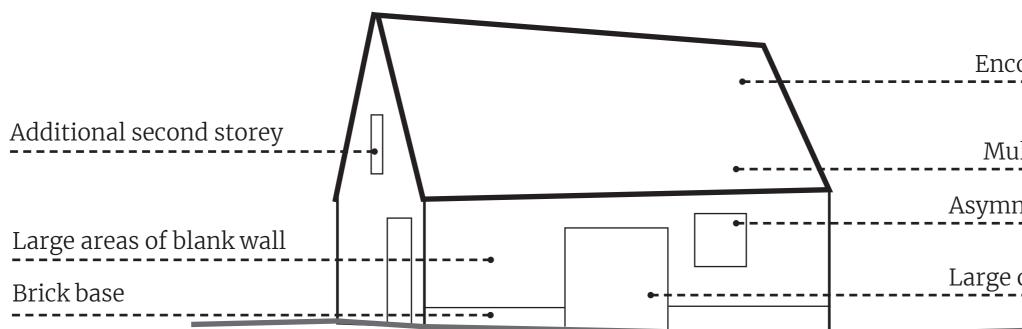


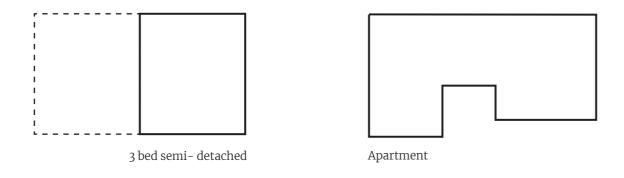


4 bed terrace

Housing typologies

THE BARN





# Encompassing roof

# Multiple materials

# Asymmetric windows

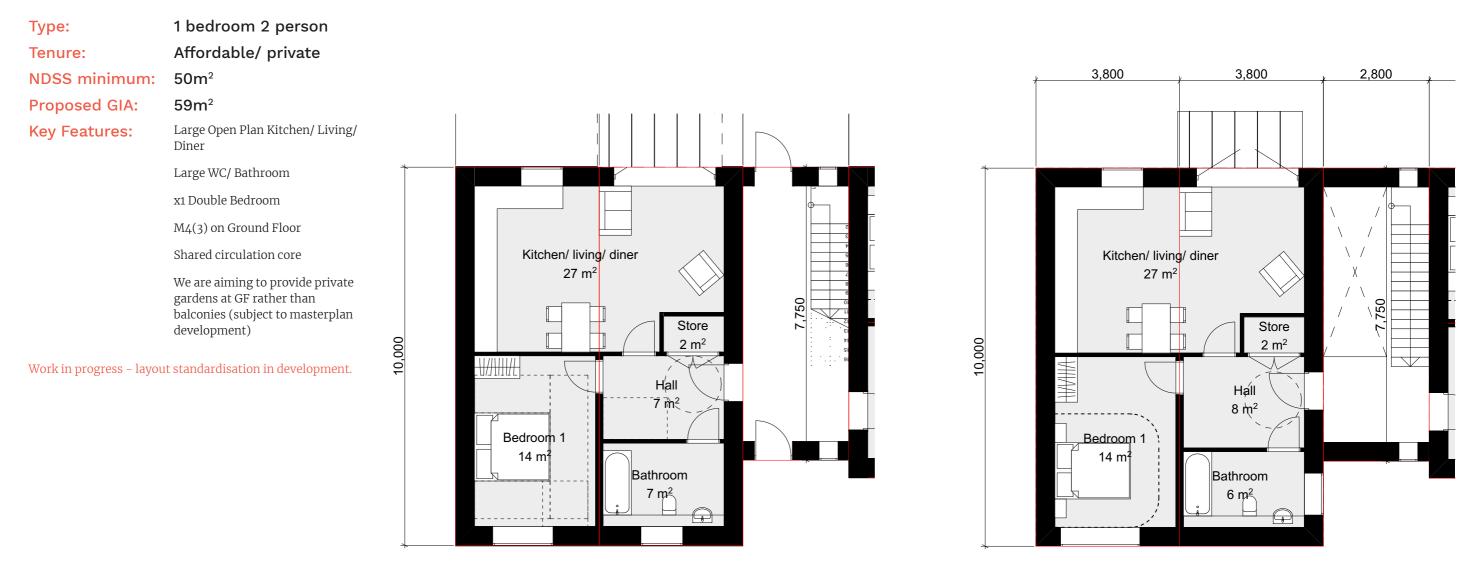
# Large openings on GF

# 03: Housing Types (Draft)

Plans and elevations

# House types.

# 02: House Types 1B2P - Apartment



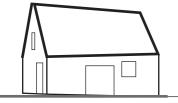
KEY

MMC Module

Ground Floor

First Floor

BARN





# 02: House Types 2B4P - Apartment





# 02: House Types 1B2P & 2B4P - Apartment

Elevations:

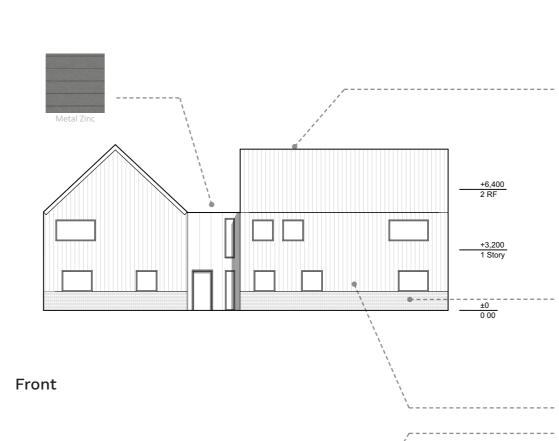
Work in progress - shading elements to be developed.





KEY

MMC Module



Red Zinc OR



Neu brick

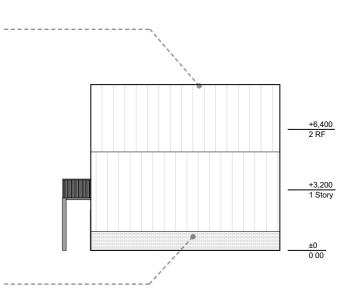
Dark weatherboard



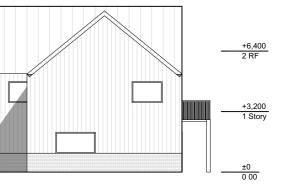
Back













# 02: House Types 2B4P - Terrace Option 1

# 2 bedroom 4 person Type: Affordable/ private **Tenure:** NDSS minimum: 79m<sup>2</sup> **Proposed GIA:** 100m<sup>2</sup> Large Open Plan Kitchen/ Living/ **Key Features:** Diner 7,600 Large WC on GF x2 Double bedrooms Large Family Bathroom Ensuite for Bedroom 01 Kitchen/ living/ diner edroom 44 m<sup>2</sup> 13 m<sup>2</sup> WC Work in progress - layout standardisation in development. 4 m<sup>2</sup> 8,500 10,000 Alternative galley kitchen option applicable – currently in development.

Store

1 m

KEY

MMC Module



First Floor

hroom

 $m^2$ 

# FARM WORKERS COTTAGE

WC

3 m<sup>2</sup>



**P** 

Hall

8 m<sup>2</sup>

Bathroom

6 m<sup>2</sup>

\$

Store 2 m<sup>2</sup>

⊕

Ensuite

(4 m<sup>2</sup>)

A

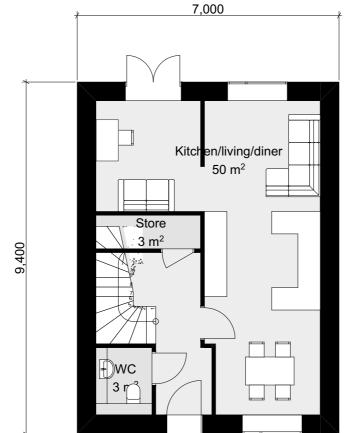
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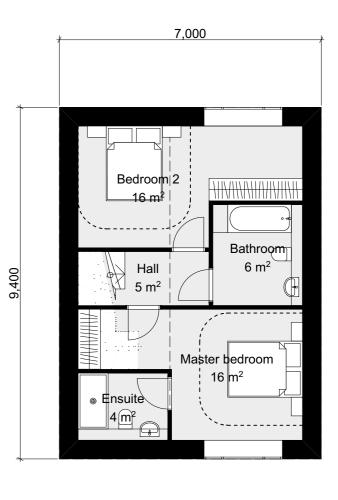
# 02: House Types 2B4P - Terrace Option 2

# Type:2 bedroom 4 personTenure:Affordable/ privateNDSS minimum:79m²Proposed GIA:100m²Key Features:Large Open Plan Kitchen/ Living/<br/>Diner with galley kitchen.Key Features:2 Double bedroomsLarge Family BathroomIarge Family Bathroom 01

Work in progress - layout standardisation in development.

Alternative galley kitchen option applicable – currently in development.





KEY

MMC Module

Ground Floor

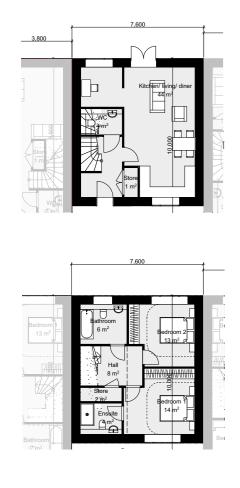
First Floor

### FARM WORKERS COTTAGE

# 02: House Types 2B4P - Terrace

# Elevations:

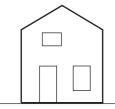
Work in progress - shading elements to be developed.



KEY

MMC Module

# FARM WORKERS COTTAGE



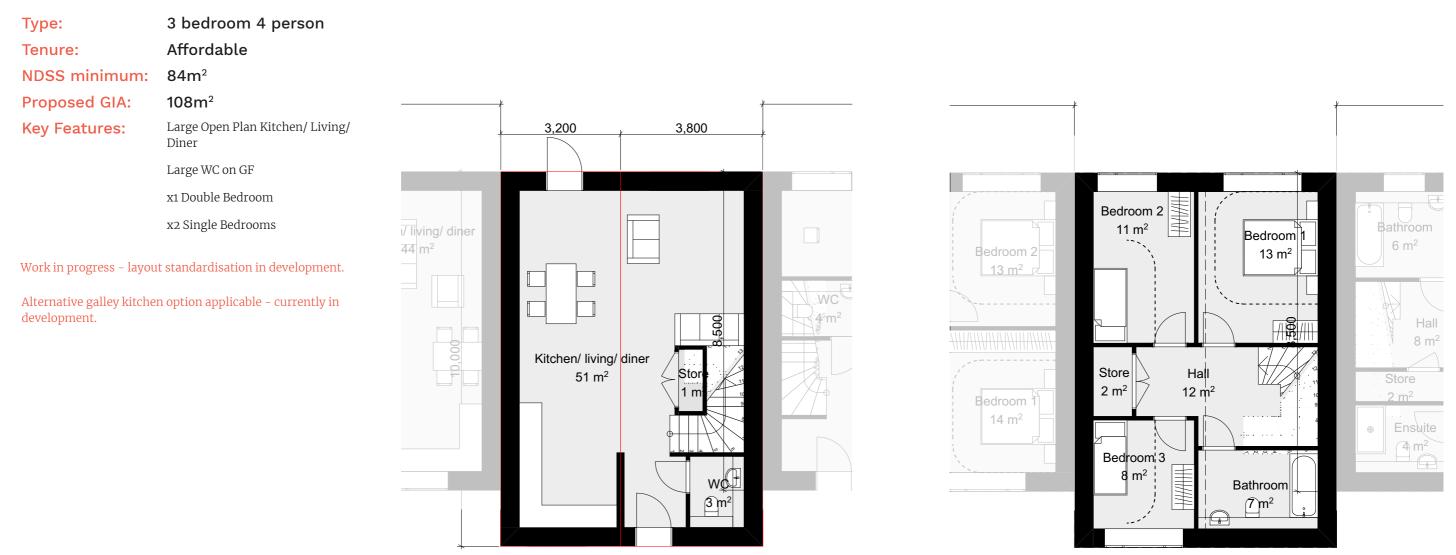


Back

+3,200 1 Story

±0 0 00

# 02: House Types 3B4P - Terrace



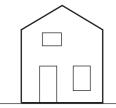
KEY

MMC Module

Ground Floor

First Floor

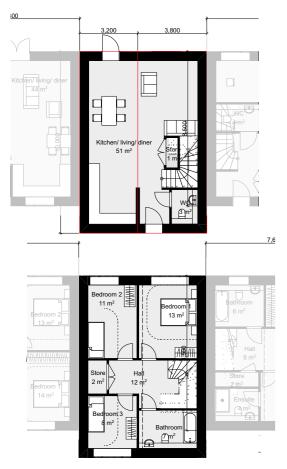
# FARM WORKERS COTTAGE



# 02: House Types 3B4P - Terrace

# Elevations:

Work in progress - shading elements to be developed.



KEY

MMC Module



# FARM WORKERS COTTAGE

+6,400 2 RF

+3,200 1 Story

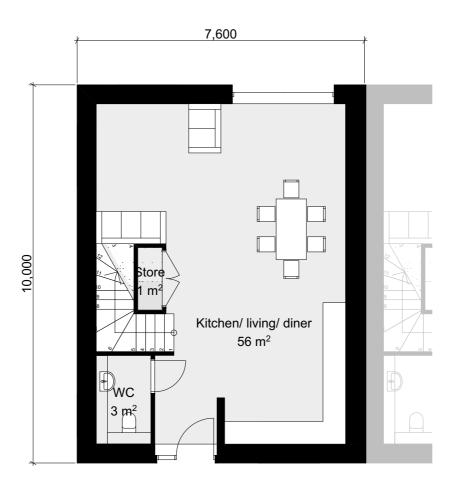
+6,400 2 RF

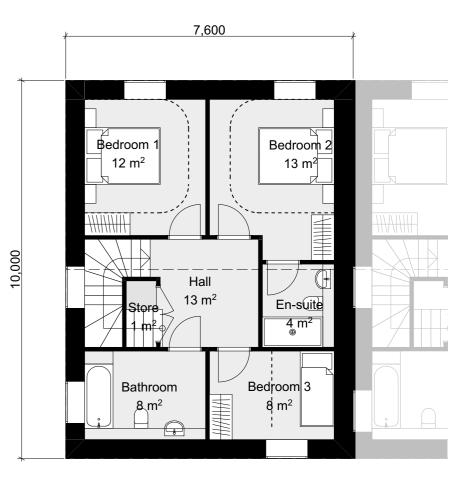
+3,200 1 Story

±0 0 00

# <mark>02: House Types</mark> 3B5P - Semi-detached

| Type:<br>Tenure:<br>NDSS minimum:<br>Proposed GIA:<br>Key Features: | 3 bedroom 5 person<br>Affordable<br>93m <sup>2</sup><br>118m <sup>2</sup><br>Large Open Plan Kitchen/ Living/<br>Diner<br>Large WC/ Bathroom on GF |
|---|--|
|   | x2 Double bedrooms   |
|   | x1 Single Bedroom  |
|   | Large Family Bathroom  |
|   | Ensuite for Bedroom 02   |
| Work in progress - layout standardisation in development.           |  |
| Alternative galley kitche<br>development.                           | n option applicable - currently in   |





KEY

MMC Module

Ground Floor

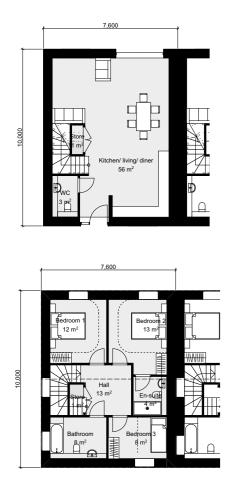
First Floor





# Elevations:

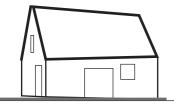
Work in progress - shading elements to be developed.

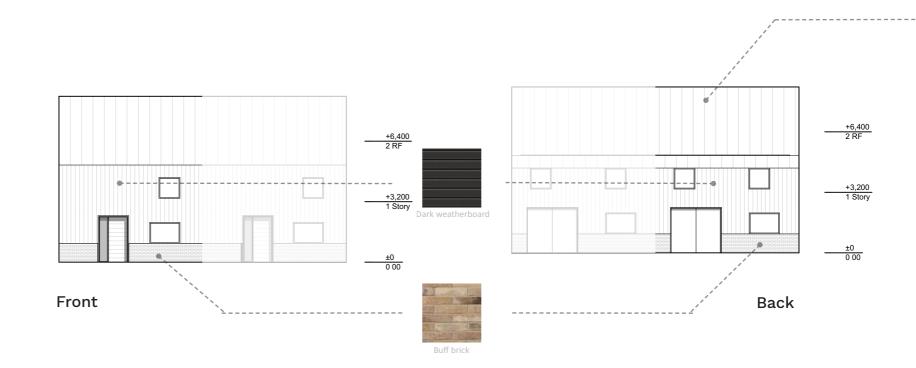


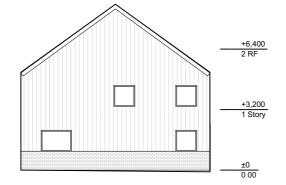
KEY

MMC Module

BARN







Side 1



# 02: House Types 3B6P - Semi-detached

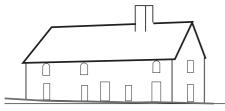
| Туре:         | 3 bedroom 6 person                        |
|---------------|---|
| Tenure:       | Private                                   |
| NDSS minimum: | 102m <sup>2</sup>                         |
| Proposed GIA: | 156m <sup>2</sup>                         |
| Key Features: | Master Bedroom Ensuite                    |
|               | Master Bedroom Walk in Wardrobe           |
|               | Study or (Living Room 02)                 |
|               | Utility Room                              |
|               | Snug                                      |
|               | Large Hall to be used for Storage         |
|               | Large Open Plan Kitchen/ Living/<br>Diner |
|               | Large Family Bathroom                     |
|               | x2 Double Bedrooms                        |
|               | x1 Single Bedroom                         |

Work in progress - layout standardisation in development.

KEY

MMC Module

FARMHOUSE





# Elevations:

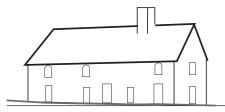
Work in progress - shading elements to be developed.

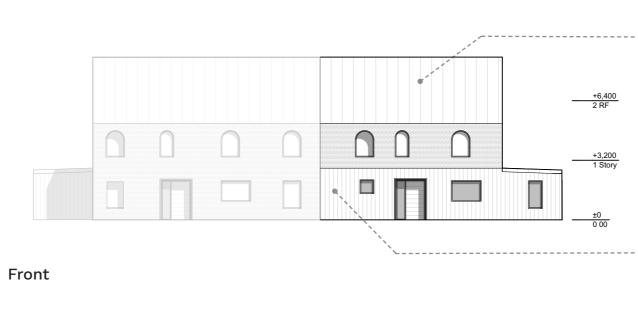


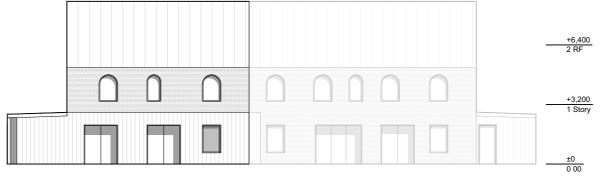


MMC Module

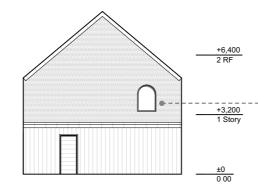
FARMHOUSE







Back

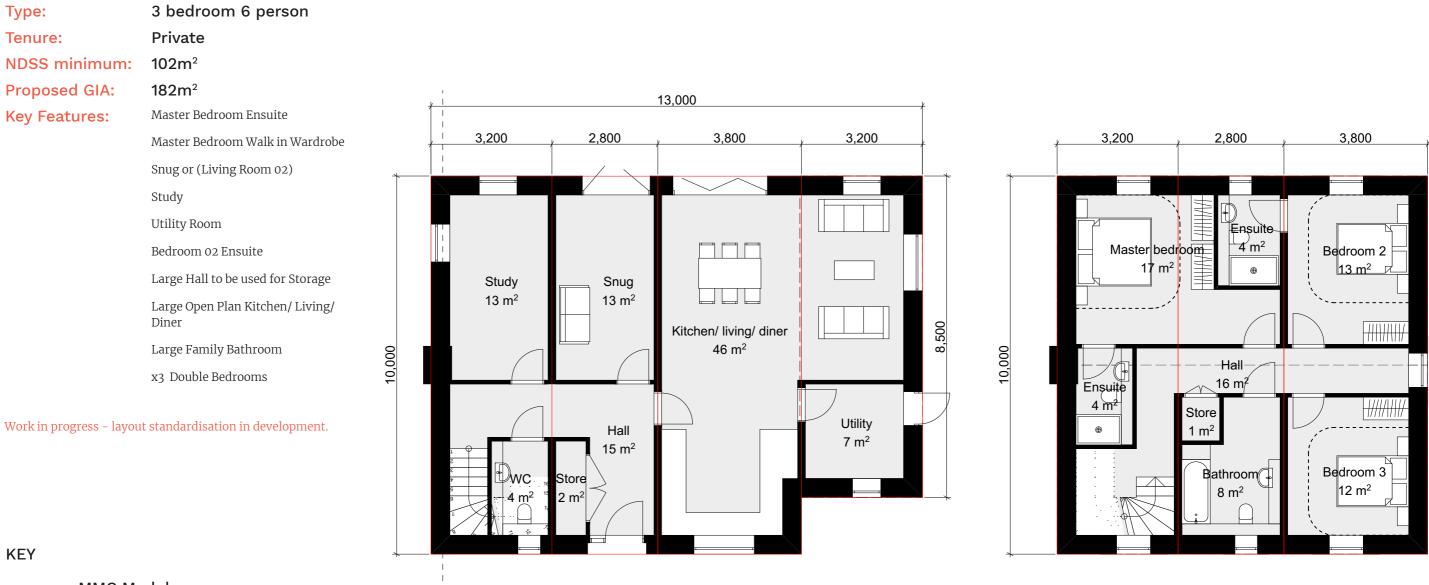






Red brick

# 02: House Types 3B6P - Detached

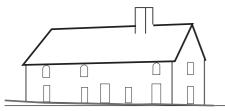


MMC Module

**Ground Floor** 

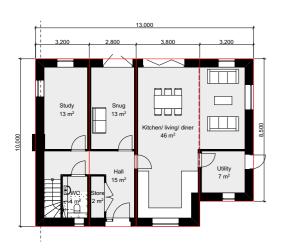
First Floor

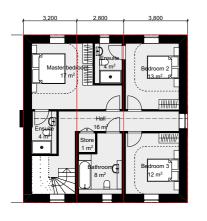
### FARMHOUSE



# Elevations:

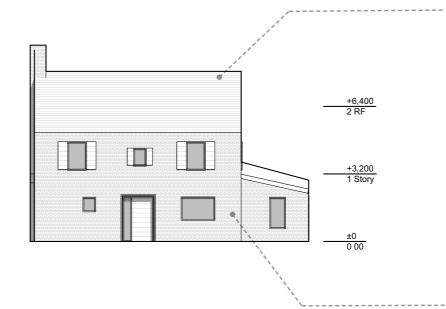






KEY

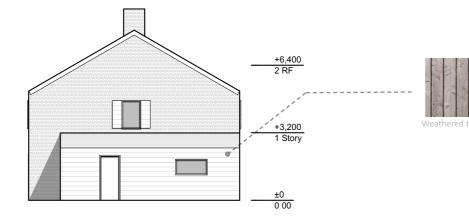
MMC Module

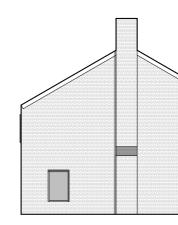


Buff brick OR

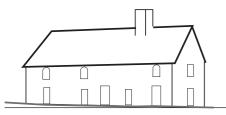


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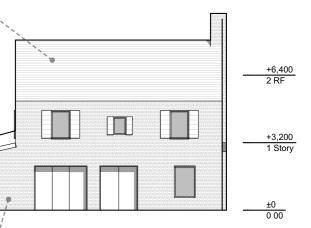


# FARMHOUSE

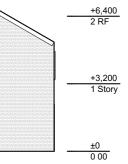


Side 1

Front







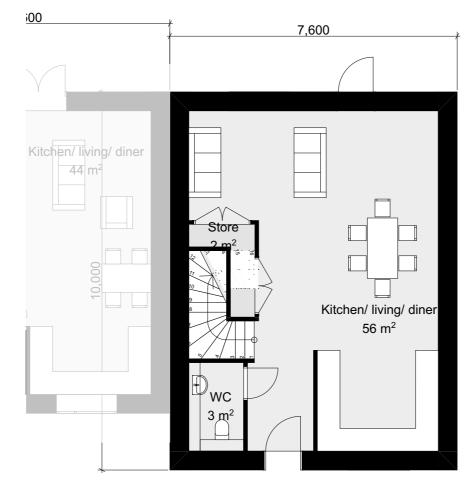
Side 2

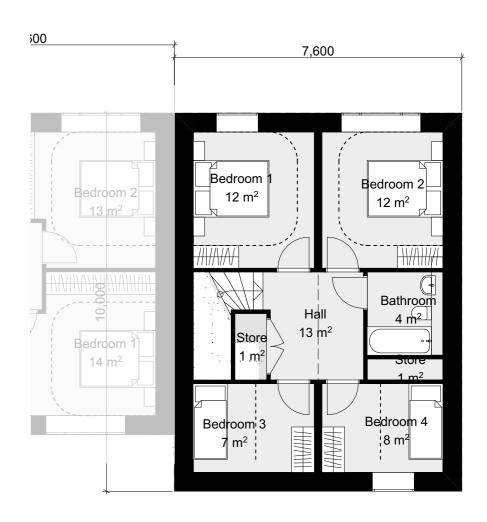
# 02: House Types 4B6P - Terrace



Alternative galley kitchen option applicable – currently in

Alternative galley kitchen option applicable – currently in development.





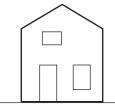
KEY

MMC Module

Ground Floor

First Floor

# FARM WORKERS COTTAGE

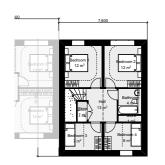


# 02: House Types 4B6P - Terrace

# Elevations:

Work in progress - shading elements to be developed.

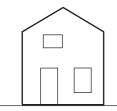




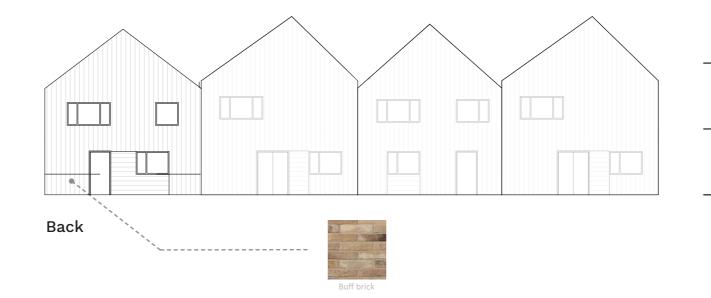
KEY

MMC Module

### FARM WORKERS COTTAGE







+6,400 2 RF

+3,200 1 Story

±0 0 00

## 02: House Types 4B7P - Semi-detached

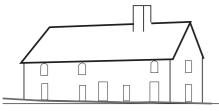
| Tupo:         | 4 bodroom 7 porcon                        |  |  |  |
|---------------|---|--|--|--|
| Туре:         | 4 bedroom 7 person                        |  |  |  |
| Tenure:       | Private                                   |  |  |  |
| NDSS minimum: | 115m <sup>2</sup>                         |  |  |  |
| Proposed GIA: | 184m <sup>2</sup>                         |  |  |  |
| Key Features: | Master Bedroom Ensuite                    |  |  |  |
|               | Master Bedroom Walk in Wardrobe           |  |  |  |
|               | Snug (Living Room 02)                     |  |  |  |
|               | Study                                     |  |  |  |
|               | Utility Room                              |  |  |  |
|               | Boot Room                                 |  |  |  |
|               | Large Hall to be used for Storage         |  |  |  |
|               | Large Open Plan Kitchen/ Living/<br>Diner |  |  |  |
|               | Large Family Bathroom                     |  |  |  |
|               | x3 Double Bedrooms                        |  |  |  |
|               | x1 Single Bedroom                         |  |  |  |

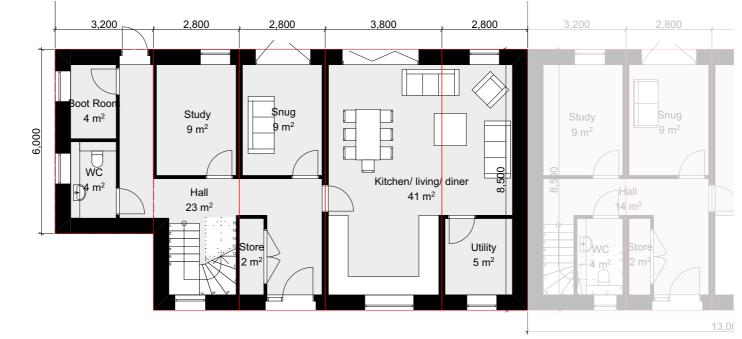
Work in progress - layout standardisation in development.

KEY

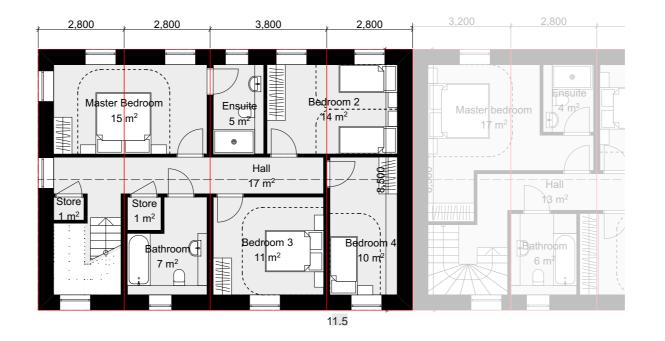
MMC Module







Ground Floor

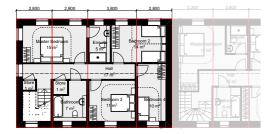


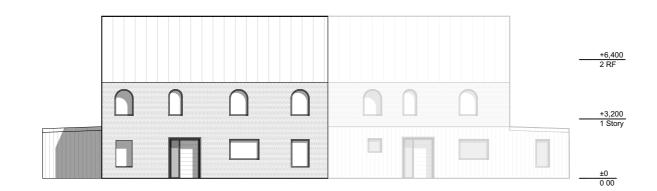
#### First Floor

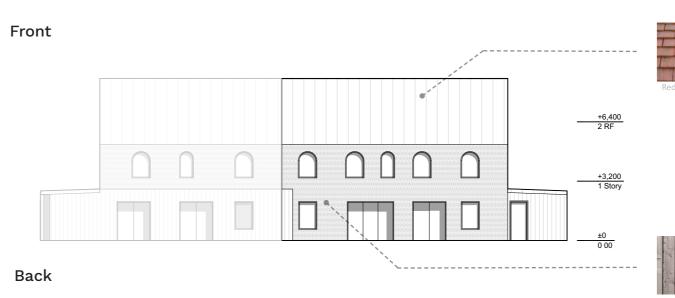
# Elevations:

Work in progress - shading elements to be developed.







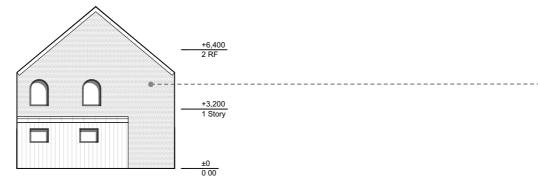


KEY

MMC Module

FARMHOUSE



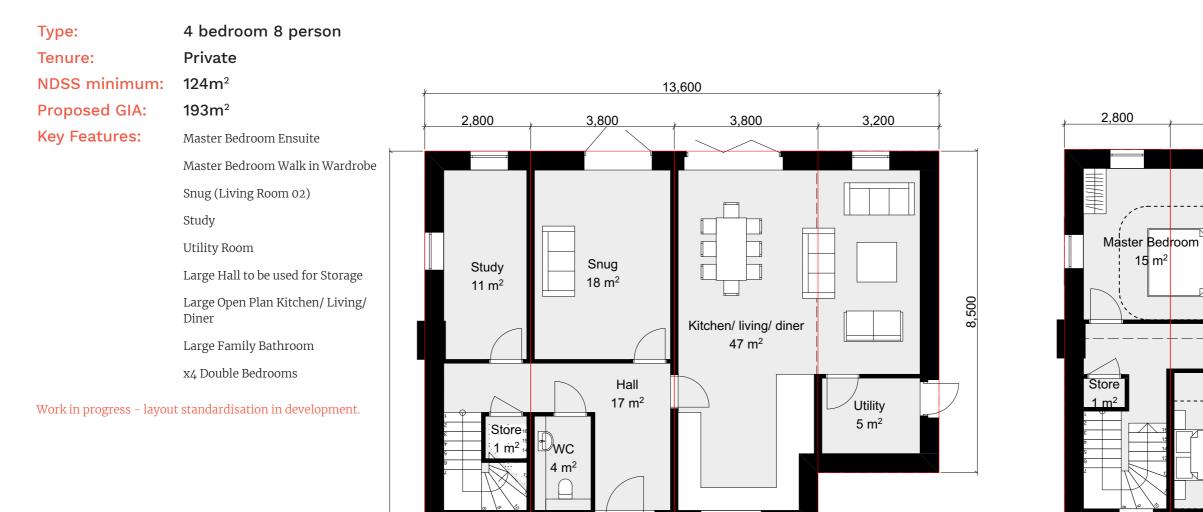






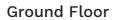






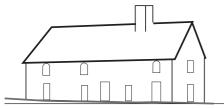
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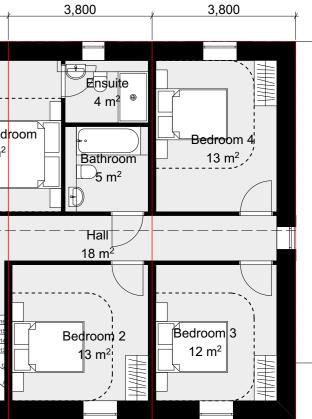
MMC Module



First Floor

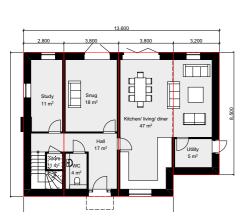
#### FARMHOUSE

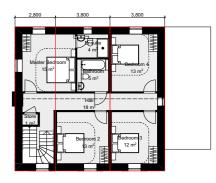




## Elevations:



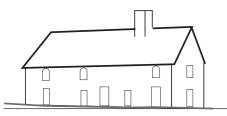


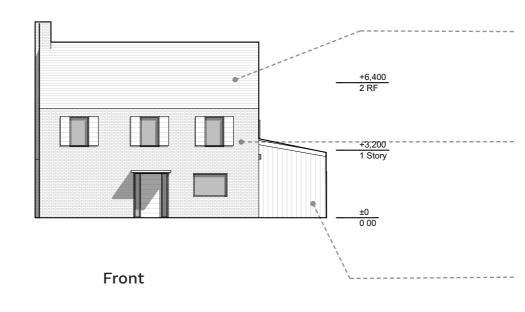


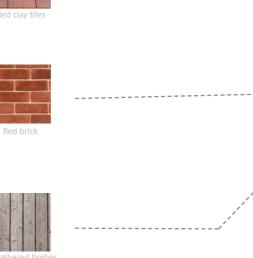
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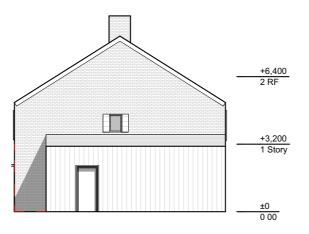
MMC Module

#### FARMHOUSE



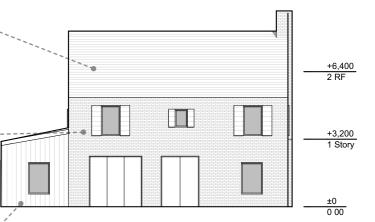




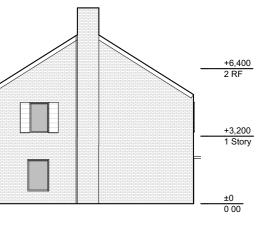


-3 100

#### Side 1







3 100

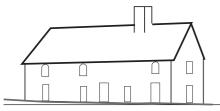
| Туре:         | 5 bedroom 10 person                       |
|---------------|---|
| Tenure:       | Private                                   |
| NDSS minimum: | n/a                                       |
| Proposed GIA: | 245m <sup>2</sup>                         |
| Key Features: | Master Bedroom Ensuite                    |
|               | Master Bedroom Walk in Wardrobe           |
|               | Snug (Living Room 02)                     |
|               | Study                                     |
|               | Utility Room                              |
|               | Bedroom 04 Ensuite                        |
|               | Bedroom 03 Ensuite                        |
|               | Large Hall to be used for Storage         |
|               | Large Open Plan Kitchen/ Living/<br>Diner |
|               | Large Family Bathroom                     |
|               | x5 Double Bedrooms                        |

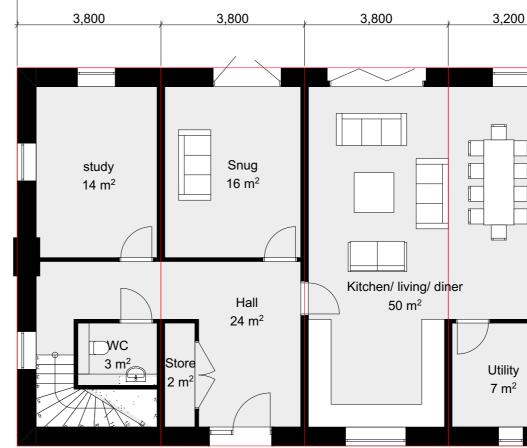
Work in progress - layout standardisation in development.

KEY

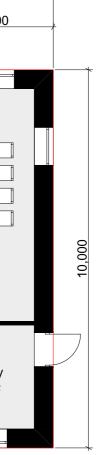
MMC Module

#### FARMHOUSE





Ground Floor



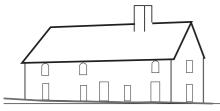
| Туре:         | 5 bedroom 10 person                       |  |  |
|---------------|---|--|--|
| Tenure:       | Private                                   |  |  |
| NDSS minimum: | n/a                                       |  |  |
| Proposed GIA: | 245m <sup>2</sup>                         |  |  |
| Key Features: | Master Bedroom Ensuite                    |  |  |
|               | Master Bedroom Walk in Wardrobe           |  |  |
|               | Snug (Living Room 02)                     |  |  |
|               | Study                                     |  |  |
|               | Utility Room                              |  |  |
|               | Bedroom 04 Ensuite                        |  |  |
|               | Bedroom 03 Ensuite                        |  |  |
|               | Large Hall to be used for Storage         |  |  |
|               | Large Open Plan Kitchen/ Living/<br>Diner |  |  |
|               | Large Family Bathroom                     |  |  |
|               | x5 Double Bedrooms                        |  |  |

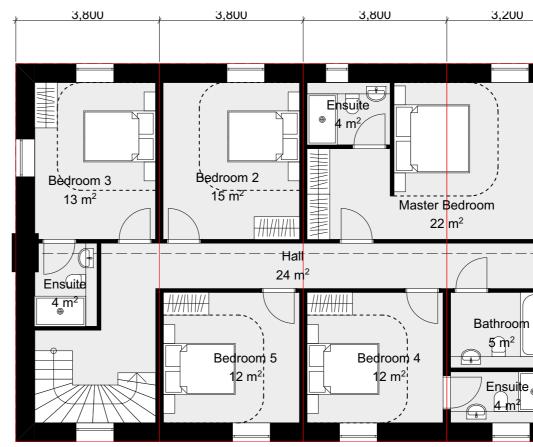
Work in progress - layout standardisation in development.

KEY

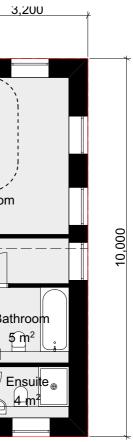
MMC Module

#### FARMHOUSE



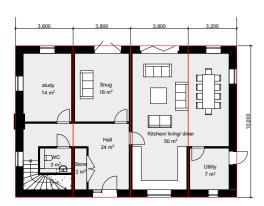


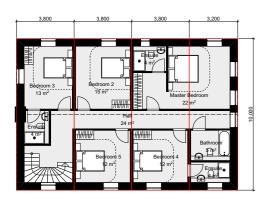
First Floor



# Elevations:

Work in progress - shading elements to be developed.

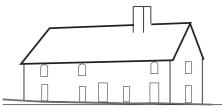


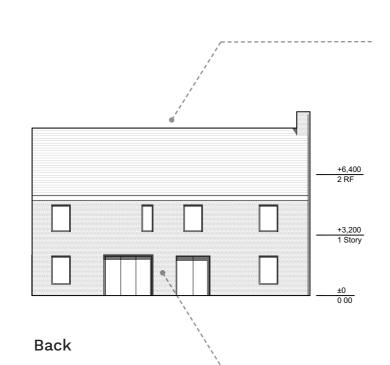


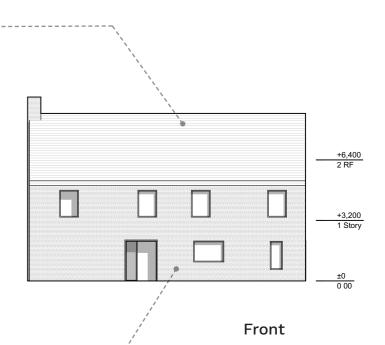
KEY

MMC Module

FARMHOUSE

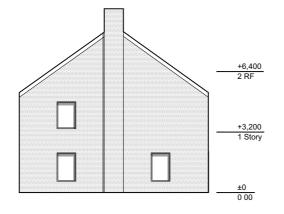








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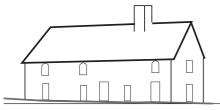
| Type:<br>Tenure:<br>NDSS minimum:<br>Proposed GIA: | 5 bedroom 10 person<br>Private<br>n/a<br>263m²             |  |  |
|--|--|--|--|
| Key Features:                                      | Master Bedroom Ensuite                                     |  |  |
|  | Master Bedroom Walk in Wardrobe                            |  |  |
|  | Snug (Living Room 02)                                      |  |  |
|  | Study  |  |  |
|  | 'Jack & Jill' Ensuite between<br>Bedroom 02 and Bedroom 04 |  |  |
|  | Utility Room   |  |  |
|  | Bedroom 03 Ensuite   |  |  |
|  | Large Hall to be used for Storage                          |  |  |
|  | Large Open Plan Kitchen/ Living/<br>Diner                  |  |  |
|  | Large Family Bathroom                                      |  |  |
|  | x5 Double Bedrooms   |  |  |

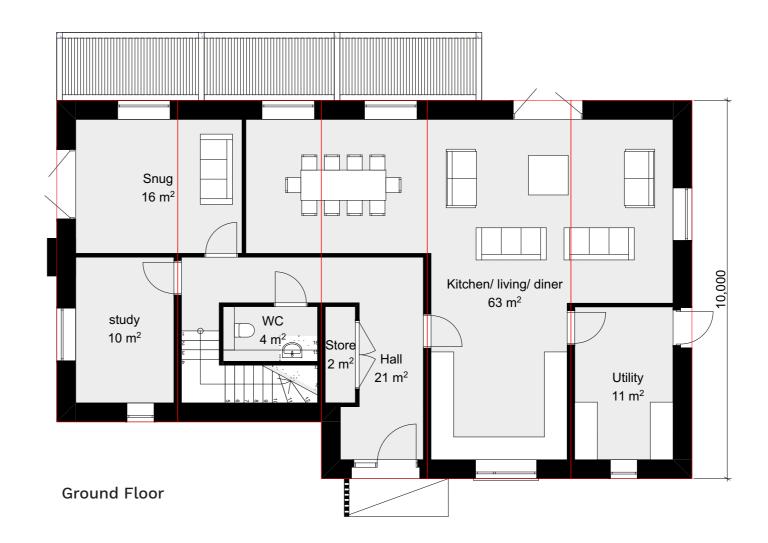
#### Work in progress – layout standardisation in development.

KEY

MMC Module

#### FARMHOUSE





| Туре:                    | 5 bedroom 10 person                                      |                   |                   |   |                               |                   |
|--------------------------|--|-------------------|-------------------|---|-------------------------------|-------------------|
| Tenure:                  | Private  |                   |                   |   |                               |                   |
| NDSS minimum:            | n/a  |                   |                   |   |                               |                   |
| Proposed GIA:            | 263m <sup>2</sup>  | 00                |                   |   |                               |                   |
| Key Features:            | Master Bedroom Ensuite                                   |                   |                   |   |                               |                   |
|                          | Master Bedroom Walk in Wardrobe                          |                   |                   |   |                               |                   |
|                          | Snug (Living Room 02)                                    |                   |                   | Ensuite                                   | Ensuite                       |                   |
|                          | Study  | é Bedroom 3       |                   | 4 m²                                      | <sup>@</sup> 4 m <sup>2</sup> | Master Bedroom    |
|                          | Utility Room   | 14 m <sup>2</sup> | Bedroom 5         |   |                               | 20 m <sup>2</sup> |
|                          | Bedroom 02 Ensuite                                       |                   |                   | <sup>°</sup> Bathroom<br>5 m <sup>2</sup> |                               |                   |
|                          | Bedroom 03 Ensuite                                       | ` <u>`</u> `=     | ``.               |   | 1                             |                   |
|                          | Bedroom 04 Ensuite                                       |                   | Hall              |   |                               |                   |
|                          | Large Hall to be used for Storage                        |                   | 21 m <sup>2</sup> |   |                               | Bedroom 4         |
|                          | Large Open Plan Kitchen/ Living/<br>Diner                | Ensuite           |                   |   | proom 2                       | 14 m <sup>2</sup> |
|                          | Large Family Bathroom                                    | 5 m <sup>2</sup>  |                   |   |                               |                   |
| Work in progress - lavou | x5 Double Bedrooms<br>at standardisation in development. |                   |                   | €nsuite<br>4 m <sup>2</sup>               |                               |                   |

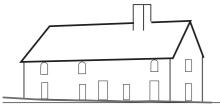
Work in progress – layout standardisation in development.

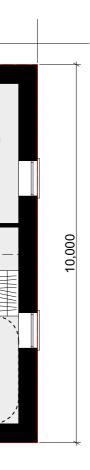
KEY

MMC Module

First Floor

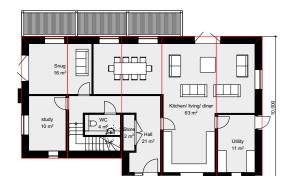
FARMHOUSE

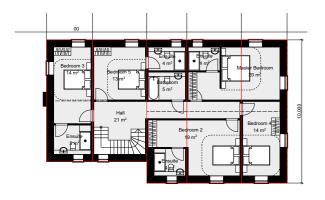




# Elevations:

Work in progress - shading elements to be developed.

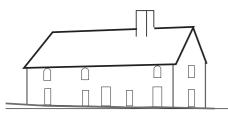


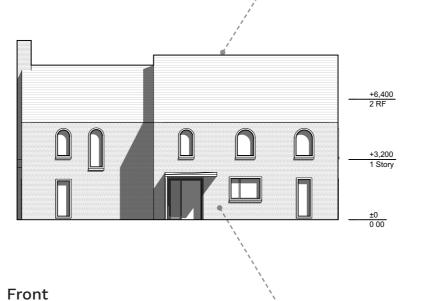


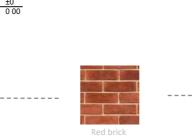
KEY

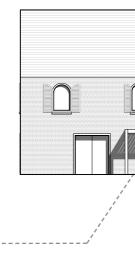
MMC Module

#### FARMHOUSE





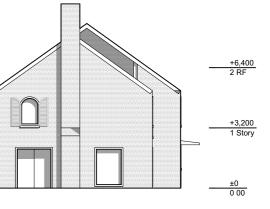








Back



Side 2



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