



Rewarding Learning

General Certificate of Secondary Education
2014

Centre Number

71	
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Candidate Number

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Construction and the Built Environment

Unit 1: The Construction Industry for the 21st Century

[GCB11]



WEDNESDAY 4 JUNE, AFTERNOON

TIME

1 hour 30 minutes.

INSTRUCTIONS TO CANDIDATES

Write your Centre Number and Candidate Number in the spaces provided at the top of this page.
Write your answers in the spaces provided in this question paper.
Answer **all eleven** questions.
Questions **1, 3, 5** and **9** should be answered in relation to the enclosed house drawings and specifications previously issued as Pre-Release Material. You should **not** bring any of the material previously issued into this examination.

INFORMATION FOR CANDIDATES

The total mark for this paper is 120.
Figures in brackets printed down the right-hand side of pages indicate the marks awarded to each question or part question.
Quality of written communication will be assessed in Questions **8** and **10**.

A scale ruler is required.

For Examiner's use only	
Question Number	Marks
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	

Total Marks	
--------------------	--



Fig. 2

(b) (i) The type of dwelling shown in **Fig. 2** is a

_____ [1]

(ii) The distinguishing characteristics of this type of dwelling are:

_____ [2]

Examiner Only	
Marks	Remark

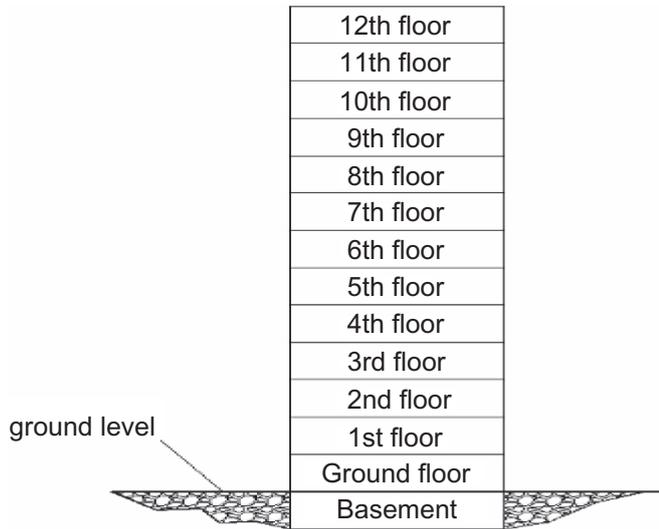


Fig. 3

(c) (i) The type of accommodation illustrated in **Fig. 3** is a

_____ [1]

(ii) The distinguishing characteristics of this type of accommodation are:

 _____ [2]

Examiner Only	
Marks	Remark

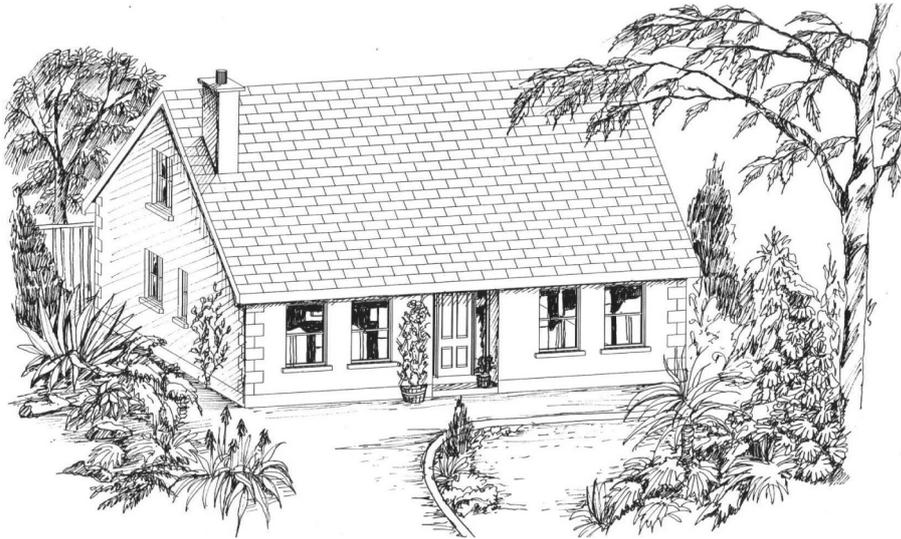


Fig. 4

(d) (i) The type of accommodation illustrated in **Fig. 4** is a

_____ [1]

(ii) The distinguishing characteristics of this type of accommodation are:

_____ [2]

Examiner Only	
Marks	Remark

Material 5 _____

Where in the construction of the roof is it found?

What is its function?

_____ [3]

Examiner Only	
Marks	Remark

7 List the names of **five** native hardwoods.

[1]
[1]
[1]
[1]
[1]

Examiner Only	
Marks	Remark

BLANK PAGE

(Questions continue overleaf)

9 Fig. 6 opposite shows an incomplete foundation detail with a 200 mm wide inner skin that is to be considered for the house shown in the Pre-Release Material.

Complete the drawing and include all labels from the list below:

- | | |
|-------------------------|-------------------------|
| Concrete foundation | Outer skin of brickwork |
| Inner skin of blockwork | Damp Proof Course |
| Floor screed | Cavity Insulation |
| Ground Level | Hardcore |
| 100mm Concrete subfloor | Damp Proof Membrane |

10 marks for labels and 10 for drawings.

[10]

Examiner Only	
Marks	Remark

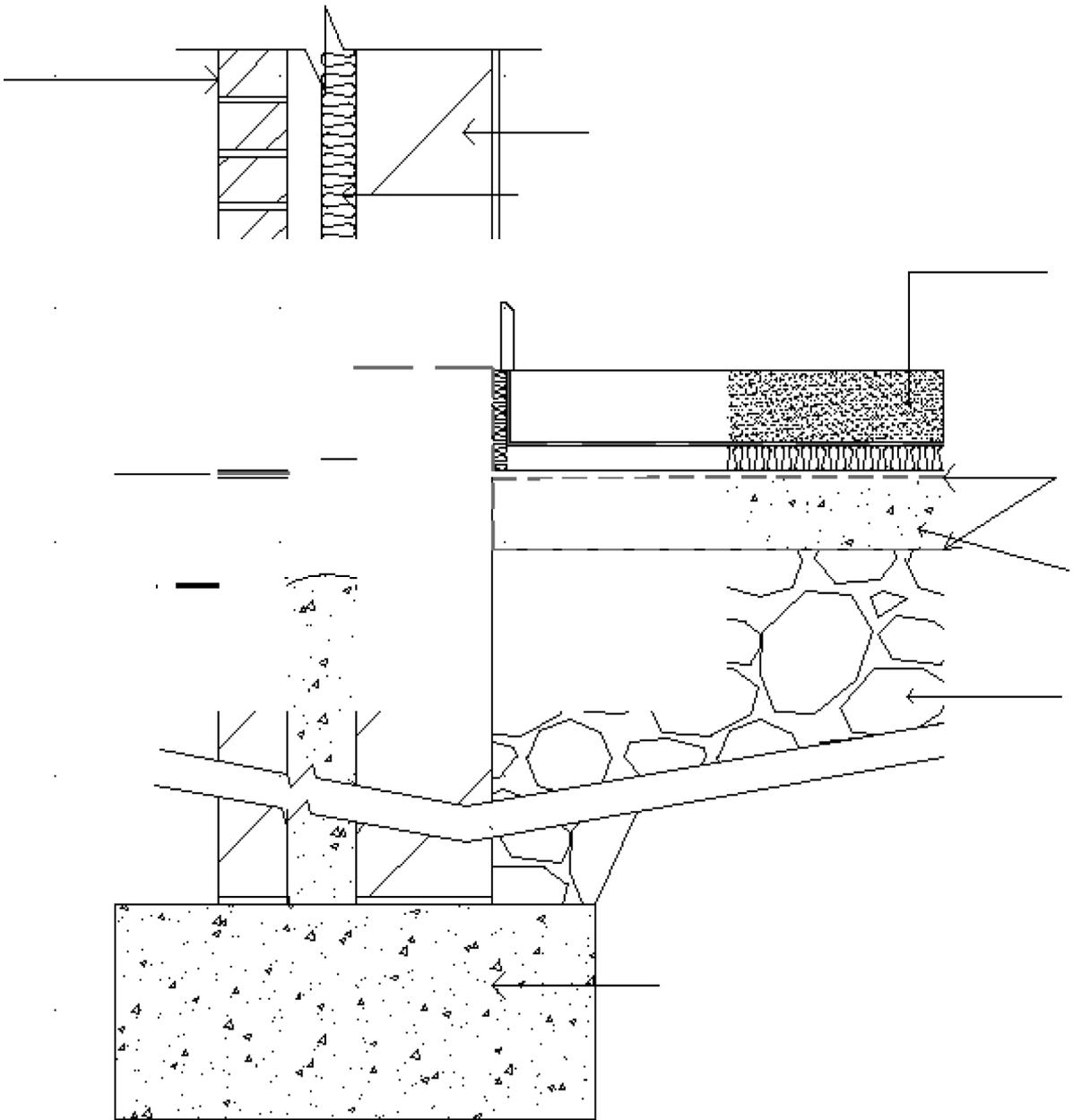


Fig. 6

[10]

Examiner Only	
Marks	Remark

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General Certificate of Secondary Education

Construction and the Built Environment

Pre-Release Material

Examination Copy

Assessment Unit 1: The Construction
Industry for the 21st Century

[GCB11]

JANUARY 2014 AND SUMMER 2014



You must only use **this** clean copy of the Pre-Release Material in the examination and **not** your own annotated copy

NOTE: Students will require the use of a scale ruler during the examination.

Construction and the Built Environment

Introduction

A copy of the pre-release information for this examination is included in the following pages

NOTE Students will require the use of a scale ruler during the examination.



FRONT ELEVATION

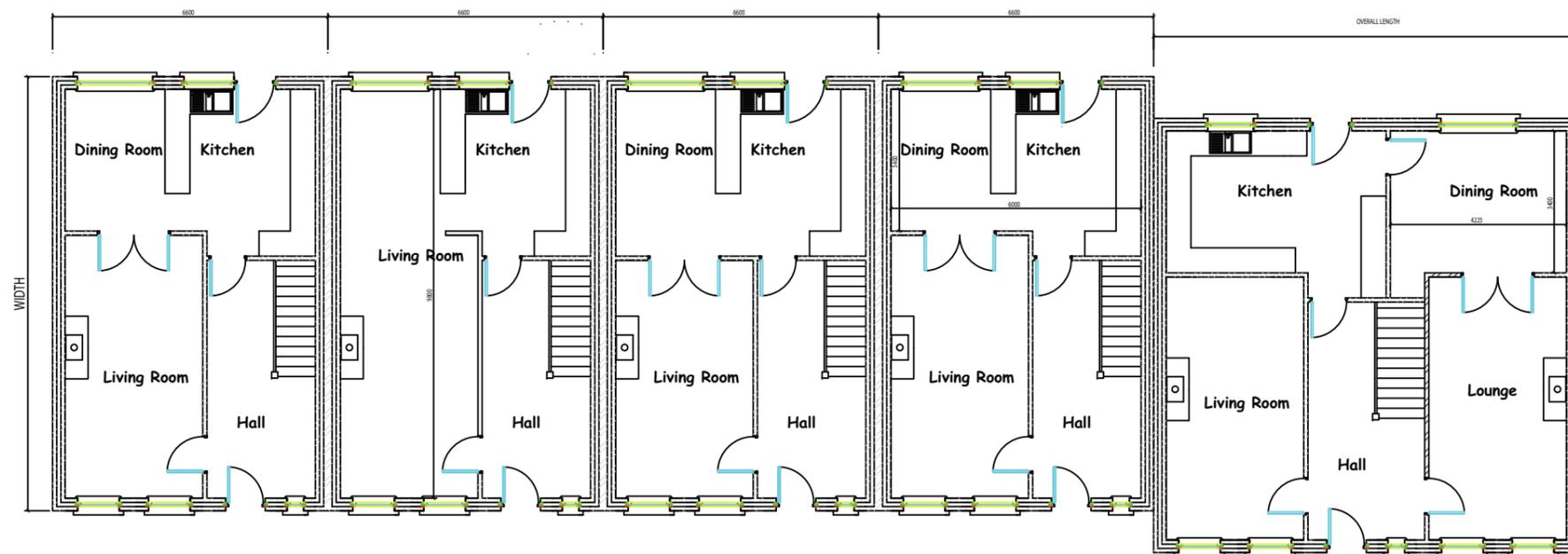
**GCSE Construction and the
Built Environment**

Unit 1

Pre-Release materials

JANUARY 2014 - SUMMER 2014

Not to scale Drawing Number 01



House A

House B

House C

House D

House E

Working Drawing

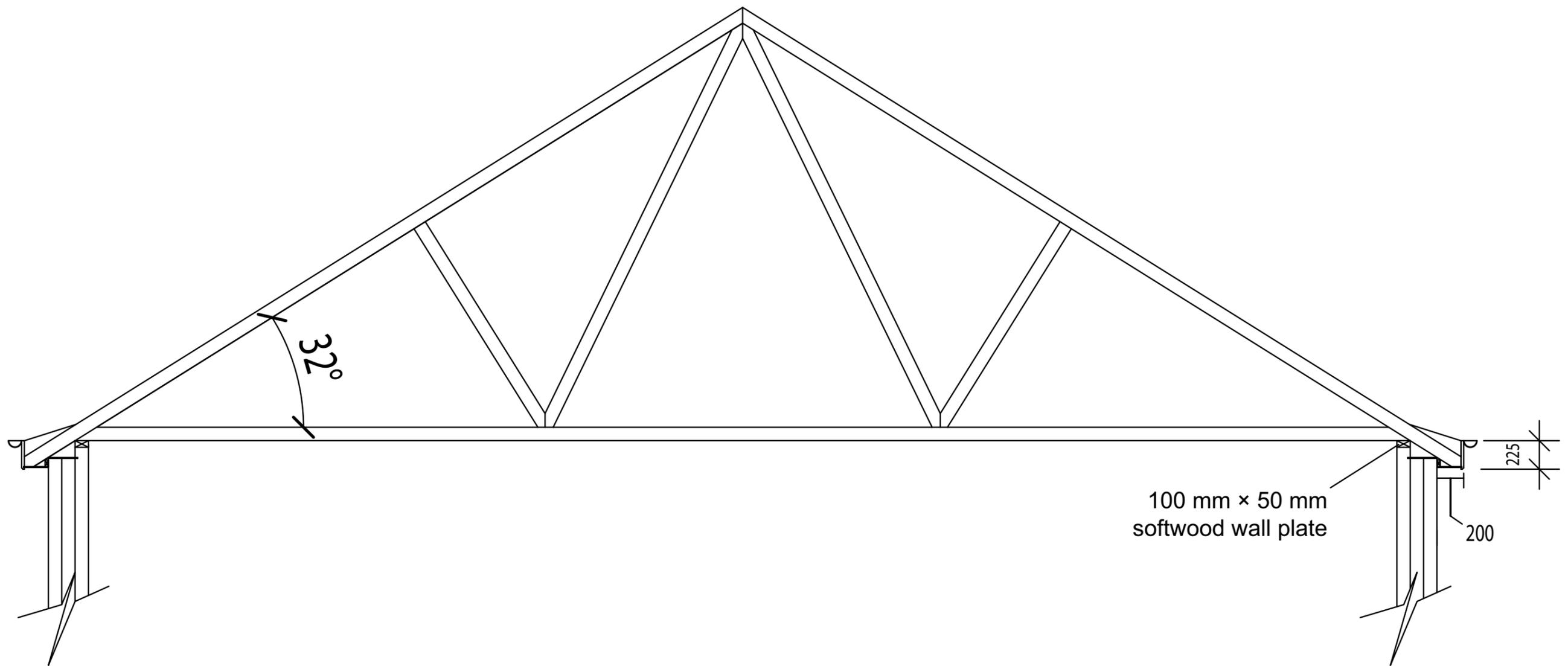
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Not to scale Drawing Number 02



TRUSS RAFTERS SPACED AT 400MM CENTRES

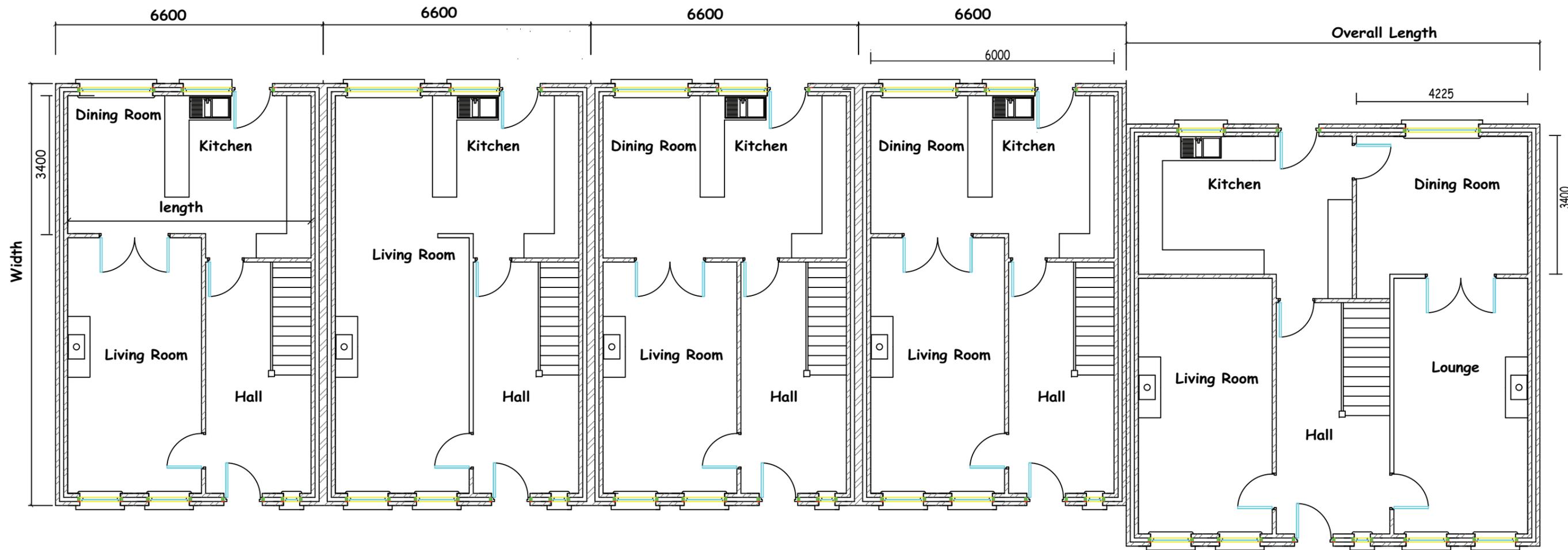
**GCSE Construction and the
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Unit 1

Pre-Release materials

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Not to scale Drawing Number 03



House A

House B

House C

House D

House E

Plan view

GCSE Construction and the Built Environment

Unit 1

Pre- release materials

JANUARY 2014 - SUMMER 2014

Scale 1:100 Drawing Number 04