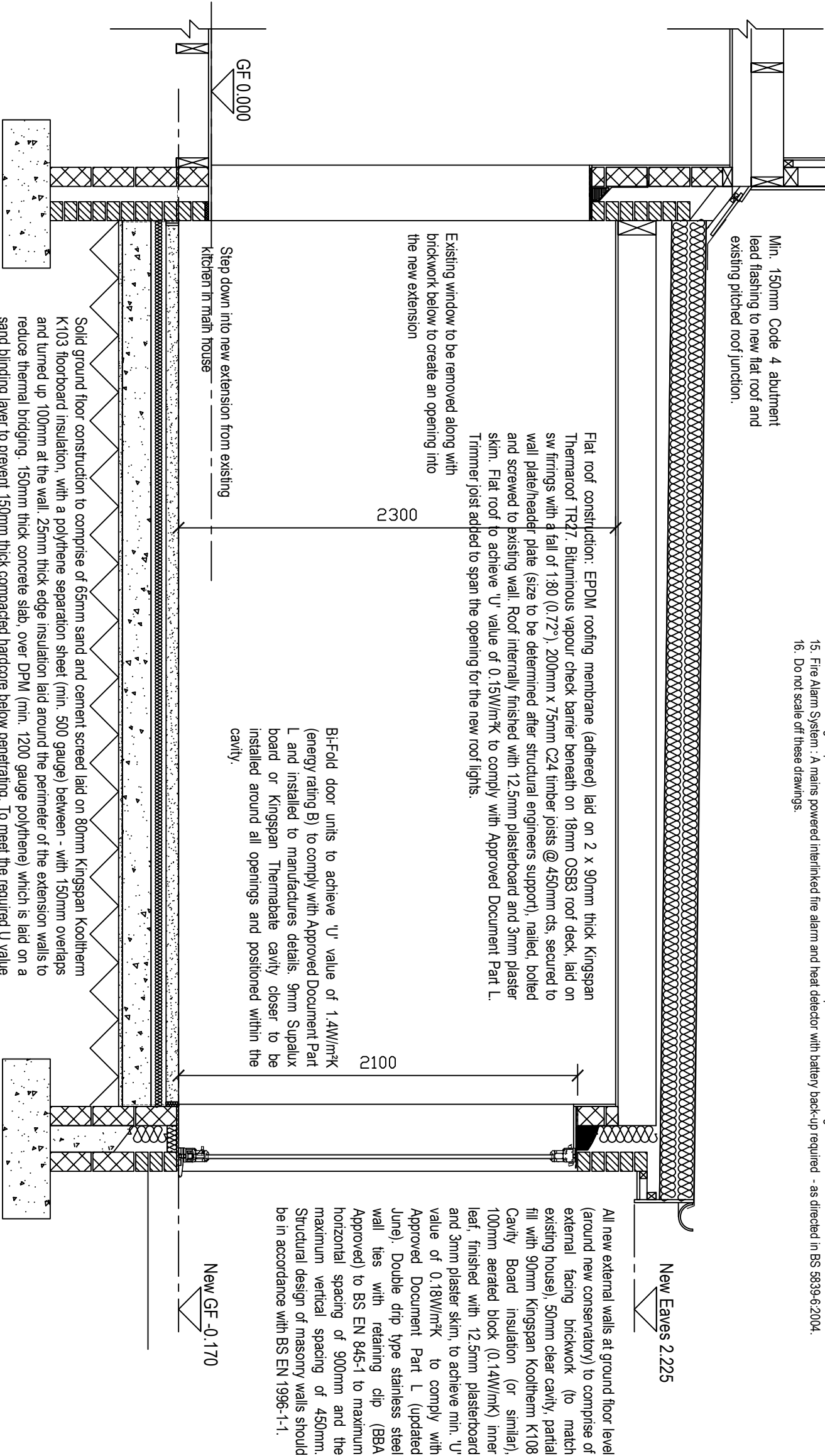


Notes about general construction:

1. Installation of heating systems to be carried out by CORCI approved contractor, install new pipe work from existing system (if feasible - if not a new design will be needed) and new radiators with thermostatic valve control.
2. Glazing to all windows/doors to be double glazed K glass units with a min. 16mm air gap that achieves 'U' value of 1.4W/m²K (Energy Rating B). Windows units to have trickle ventilation provided equivalent to 8000mm to habitable rooms.
3. Trickle ventilation to all windows in all rooms.
4. Any exposed timbers to be treated with a suitable preservative to BS 1282:1975.
5. All new cavities to be closed with Kingspan Thermabate cavity closer (or similar) to prevent cold bridging.
6. All new plumbing to be installed by a qualified and competent person and designs should be incorporate into the existing plumbing facilities (if feasible - if not a new design will be needed). All plumbing installations are to comply with BS 5572. All boxing in for concealed service pipes should be sealed at floor and ceiling levels, and service pipes which penetrate or project into hollow constructions or voids.

7. All pipework incorporated in the water/heating system, that is situated in an unheated space, is to be surrounded in 40mm of insulating material (min. conductivity 0.045 W/mK).
8. Insulated DPCs inserted to all head, jambs and cills of new external openings or Kingspan Thermabate closer's installed to reduce thermal bridging.
9. If new concrete lintels are to be installed they are to have a minimum 150mm end bearings at each end or as specified by Structural Engineer or lintel manufacturer. Lintels should be in accordance with BS5977 part 2 1986 (150mm deep). Cavity tray to be fitted to lintels within external wall with stop ends and weepholes at each end and at 900 cts. Load bearing walls to be 100mm concrete blockwork.
10. Any new steel lintels/structural work to be designed and specified by a structural engineer and should comply with Building Regulations and be approved by the local Building Control officer, prior to any work being undertaken.
11. Any new structural timbers to be checked and agreed by a structural engineer and illustrated on any calculations. These should comply with TRADA spans and Building Control.
12. All workmanship and materials to comply with Building Regulations (Approved Document Part 7), British Standards and Codes of Practice requirements. All materials to be fixed, applied or mixed in accordance with manufacturers instructions or specifications. All materials shall be suitable for their purpose. The contractor(s) shall take into account everything necessary for the proper execution of the works, to the satisfaction of the "Inspector" whether or not indicated on the drawings.
13. Approved Document P (Electrical Safety). All electrical work to which the requirements of Part P (Electrical safety) apply, will be designed, installed, inspected and tested by a competent person. Prior to completion of works the LA must be satisfied that either: An Electrical Installation Certificate issues under a 'Competent Persons' scheme has been issued or appropriate certificates and forms defined in BS 7671 have been submitted that confirms that the work has been inspected and tested by a 'competent person'. A 'competent person' will have a sound knowledge and suitable experience to the nature of the work undertaken and to the technical standards set out in BS 7671, be fully versed in the inspection and testing procedures contained in the regulations and employ adequate testing equipment.
14. Contractor to agree position of electrical items and radiators with client prior to work commencing.
15. Fire Alarm System : A mains powered interlinked fire alarm and heat detector with battery back-up required - as directed in BS 5839-6:2004.
16. Do not scale off these drawings.



BUILDING SECTION A-A

Do not scale off these drawings. All measurements should be checked on site.

REVISION
A (18.04.2023) External finish of existing to be brickwork and not stonework. Brickwork will match the existing dwelling house
B (09.05.2023) Following a site inspection by the planning officer for this application (2023/0359) it has been agreed to reduce the depth of the extension from 5m to 5m.

For Planning



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TITLE

Building Section A-A

SCALE DATE

1:25 @ A3 07.04.2023

DRAWN BY

L.C. Hanson

DRAWING NO REVISION

02.06

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