

PART A
Structural Engineering
New structural elements to be advised by structural engineer

PART B
Fire Detection
TBC - Mains wired smoke detection alarm system in accordance with BS5839-6: 2013 Category LD3 standard including battery power supply and the provision of an installation/ commissioning certificate will be required. (All electrical installation should comply with Part P Electrical Safety) **TBC**

Please refer to electrical designers drawings for more details

Steel Beams New steel beams to be encased within 1 layer Gyproc Fireline board to provide 30 mins FR, or where not possible to be painted with intumescent paint and encased to exposed sides with Gyproc Fireline.

PART F
Background ventilation. All new glazing to provide 5000mm2 of background ventilation via trickle vent within frame performance of rapid ventilation for habitable room confirmed as 1/20th of the floor area to be installed to manufacturers details.

PART G
Hot Water Supply and Systems
Provide safety devices for hot water systems to prevent the temperature of water exceeding 100 degrees C with any discharge located not to cause danger to any persons in or about the building.
Please refer to M+E drawings for more details

PART H
Rainwater Dispersal
Contractor to allow for rainwater from the new roof to be diverted in to a soakaway to the rear of the property with gutters and rainwater outlets to be sized to match existing and installed to manufacturers details. Rodding access point to be provided at the head of any new rainwater drain. Infiltration devices will not be built within 5m of a building, road or unstable land to comply with part H3 of the approved documents.

Foul Water Drainage Below Ground
Foul water drain to have access for rodding in the direction of flow. Drainage runs to be confirmed on site.

Foul Water Drainage Above Ground
Washbasin - 32mm trap and 75mm depth of seal

PART K
Glazing within 800mm of floor level to satisfy Class C of BS 6206, to incorporate safety glass. Folding glass doors to have safety glass.
New windows will have unobstructed opening of at least 0.33m2

PART L
New Boiler (TBC) to be tested to comply with Part L1b paragraph 35. A boiler commissioning certificate is required to be submitted prior to completion
Please refer to M+E drawings for more details

Energy Efficient Lights. Lights with luminous efficiency greater than 40 Lumens per circuit watt to be installed in locations to be determined 1 in every 4 new fixed lights in accordance with Part L1B paragraph 45

New windows to achieve min U-value 1.4 W/m2K

External Wall to achieve U-value of 0.18 W/m²K

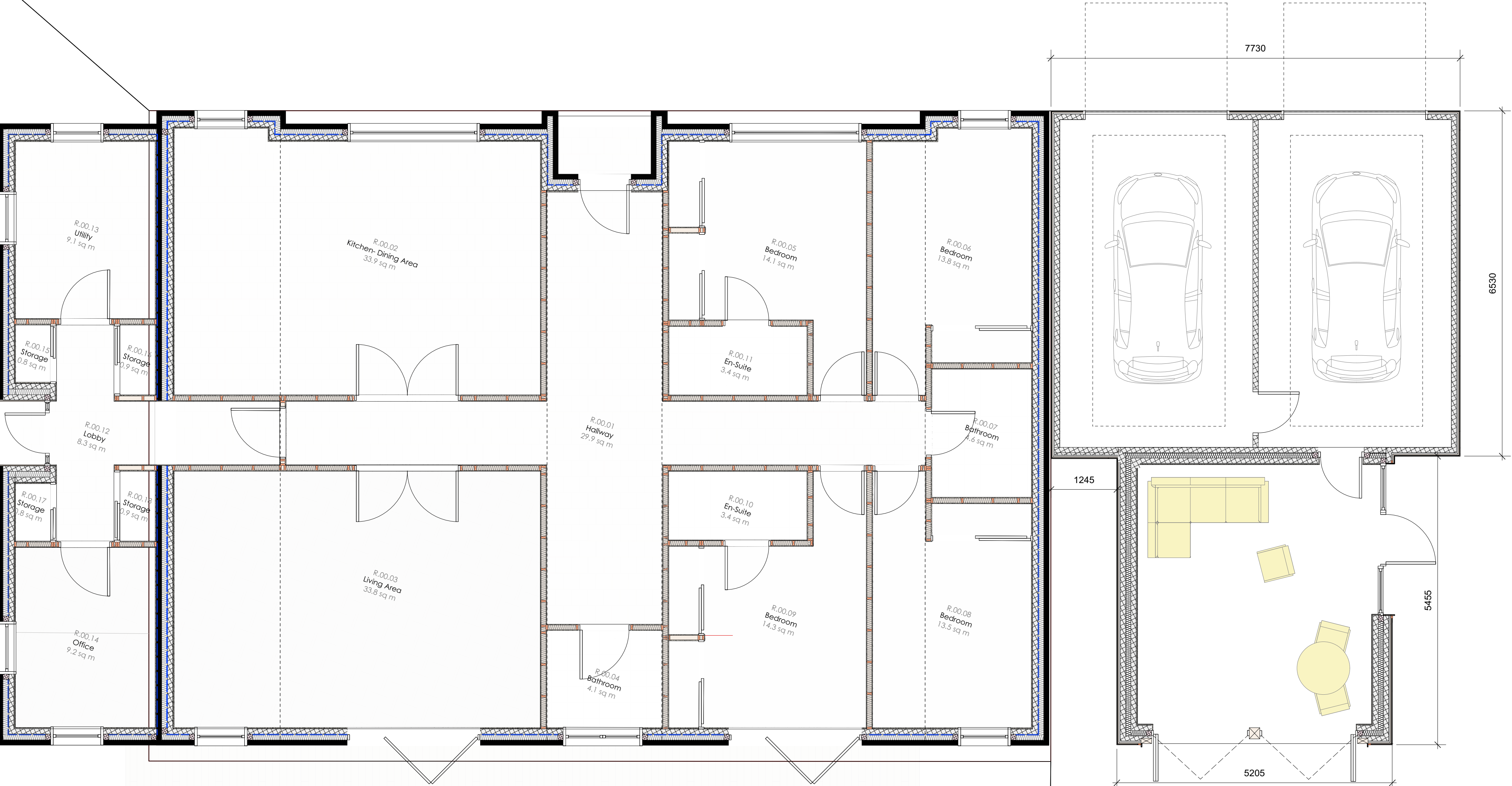
100mm blockwork outer leaf to SE details
90mm Kingspan Kooltherm K106 Cavity Board (PIR) insulation - or similar approved with 10mm gap
100mm blockwork inner leaf to SE details with S/S wall ties to SE details.
Plasterboard on dabs

Insulation to be installed to manufacturers recommendations

Temperature control of space heating.
Allow for room temperature or programmable room thermostat **TBC** (position to be confirmed by the client)
Underfloor heating strategy to be agreed with contractor. To be confirmed with specialist contractor & specialist plumber through main building contract.
Please refer to M+E drawings for more details

PART P
Electrical installation. All work to be carried out in accordance with Part P of the Building Regulations and BS 7671:2001. All work to be carried out by a registered electrician with an electrical certificate issued on completion

New lighting to be installed to manufacturer's specification in compliance with Building Regulations. Any downlighters installed are to be in accordance with the manufacturer's details and Building Regulations in compliance with the resistance of the spread of fire, air tightness and the continuation of insulation.



Notes

Measurements not to be scaled from this drawing. All dimensions to be checked and confirmed prior to commencement of work. Contractors to notify architects of site variations affecting information on this drawing. The information in this drawing is copyright of Hickman & Smith Architects Ltd.

Hickman & Smith Architects take no responsibility for any aspect of fire safety or fire performance of the building or structure. If a fire strategy or fire advice is required Hickman & Smith Architects recommend that a specialist Fire Engineer is appointed. The Main Contractor and sub-contractors should ensure Fire Safety measures are implemented in accordance with the specialist manufacturers details and Building Regulations Approved Documents. Specialist fire safety products should be supplied by third-party accredited manufacturers and installed by a third-party accredited installers using site QA procedures to ensure Fire Integrity is maintained around openings, corners and penetrations. Fire Safety works should be approved by the Building Control Inspector.

Hickman & Smith Architects take no responsibility for the location of legal boundaries indicated on this drawing and advise a separate drawing be completed by a specialist Surveyor in order to establish exact boundaries.

Detailed structural design is not included in the architect's scope of work. All structural details refer to Structural Engineer's design.

Detailed MEP design is not included in the architect's scope of work. All mechanical, electrical, heating and public health details refer to MEP design.

Drainage proposal is shown indicatively based upon above ground observation. No CCTV Survey has been performed. Contractor to confirm drain routes on site.

All products to be installed to manufacturer's recommendations.

Date	Rev	By	Details
27/04/23	/	HN	Issued for Information

Location Key

STRUCTURAL DESIGN IN ABEYANCE

BUILDING REGS

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Project
Compass Barn

Client

Drawing Title
Ancillary Building Proposed Drawings

Date	Scale	Checked
27/04/23	1:50@A1 1:100@A3	AS
Project Ref.	Drawing No.	Revision
0316	PL-1000	\