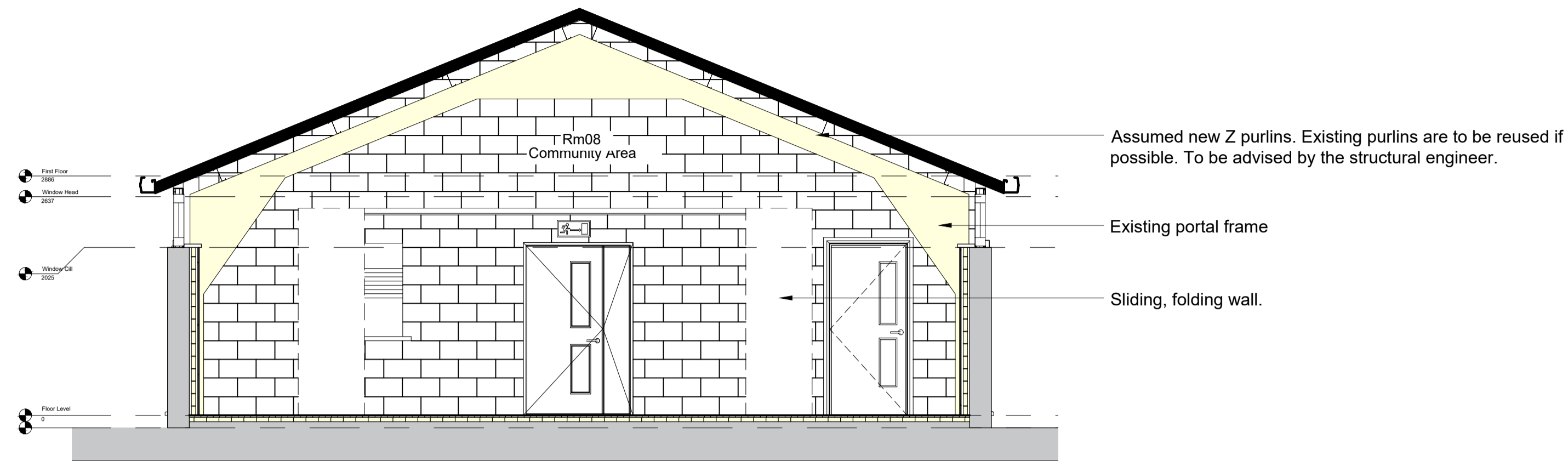


THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL DIMENSIONS ON SITE. ANY DISCREPANCY SHOULD BE REPORTED TO THE CONSULTANT PRIOR TO COMMENCEMENT OF ANY WORKS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ALL UNDERGROUND SERVICES. THIS DRAWING IS COPYRIGHT AND IS NOT TO BE REPRODUCED WITHOUT WRITTEN CONSENT OF THE PARTNERSHIP.



**DEMOLITIONS**  
Carefully remove those items necessary for the completion of the works and as indicated on the drawings. Works are to be carried out in a safe manner, and in such a way as to safeguard the integrity of the remaining structure.

Make good to the existing structures and surfaces as necessary where affected by the demolitions.

Remove topsoil and excavate as necessary for the foundations and to achieve the required levels.

Any stripped topsoil is to be repositioned in a location nominated by the client

**STRUCTURE**  
The Structural Engineer is to inspect the existing foundations and floor slab.

**EXISTING ROOF**  
Existing profiled metal sheet. Existing roof structure is timber purlins bearing onto timber portal frame. Plywood sheet underlining, possibly acting as a stress skin. There may be insulation between the purlins. There are a number of corrugated polycarbonate roof lights.

Remove existing profiled metal sheets.  
Strip out any roof insulation, remove fascia and gutters.

Assess suitability of existing structure to accept new insulated profiled metal sheets. Approximate weight of new roof panels = 11.8 (kg/m<sup>2</sup>). Assess condition of the existing structural elements and advise on replacement elements as necessary.

**EXISTING PORTAL FRAME:**  
Portal frame grid is 3.6m. Approx 200 x 100 mm timber portal members with plywood eaves haunch and ply braced ridge haunch, to be confirmed by the structural engineer. The suitability for reuse is to be confirmed by the structural engineer.

Assess structural integrity of the frame and its ability to accommodate new loadings. Advise on remedial works. Assess foundations to portal frame. Advise on the manner in which the portal frame is being braced.

**ELECTRICAL WORK**  
All electrical work is to be carried out by a competent electrician registered with an electrical self-certification scheme authorised by the Secretary of State. The Electrician is responsible for ensuring compliance with BS 7671: 2008 and all relevant Building Regulations. On completion of the work, the Client should receive a signed Building Regulations self-certification certificate, with a copy being sent to Building Control.

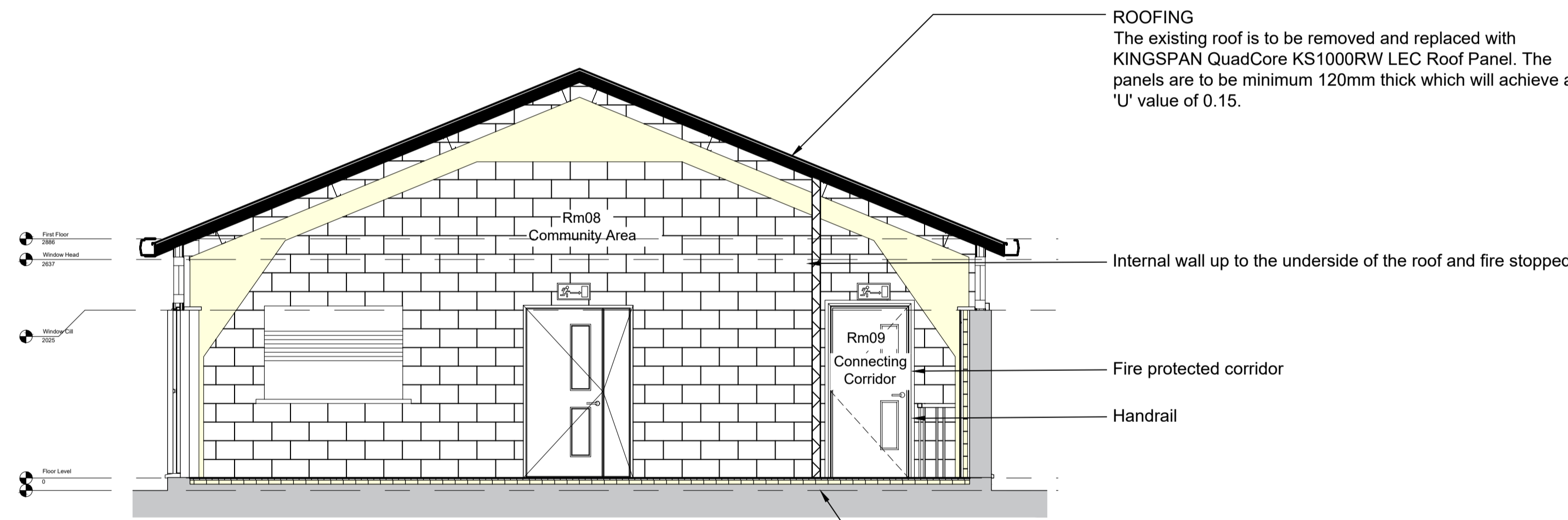
All light switches and socket outlets to be situated between the heights of 450 mm and 1200 mm above finished floor level.

All electrical work is to be carried out by qualified tradesmen to IEE and local supply authority requirements. Inspect condition of the existing electrical supply. Upgrade system as necessary. Liaise with electrical supply company as necessary to ensure suitability of supply and earthing arrangement, and to ensure connection when required. Install, inspect, test and commission the electrical work in accordance with BS 7671 (The IEE Wiring Regulations) and requirements of the Electric Supply Company to provide a safe, well insulated, earth protected system capable of supplying anticipated safe demand. Cables to be BASEC certified.

Accessories necessary to complete the installation to be types recommended for the purpose by the relevant manufacturer.

In locations where moisture is present or may occur, use corrosion resisting fastenings and avoid contact between dissimilar metals.

Cable routes to be straight and vertical or horizontal unless shown otherwise. Concealed cable runs to wall switches and outlets to be vertically in line with the power cables where possible, obtain approval of locations where exposed to view. Position cables at least 150mm clear of other services. Cables running parallel and adjacent to heating pipes to be located below pipes. Sleeve cables passing through masonry walls. Do not run cables where they will be surrounded or covered by insulation. Protect cables in plaster with galvanized sheathing as necessary.



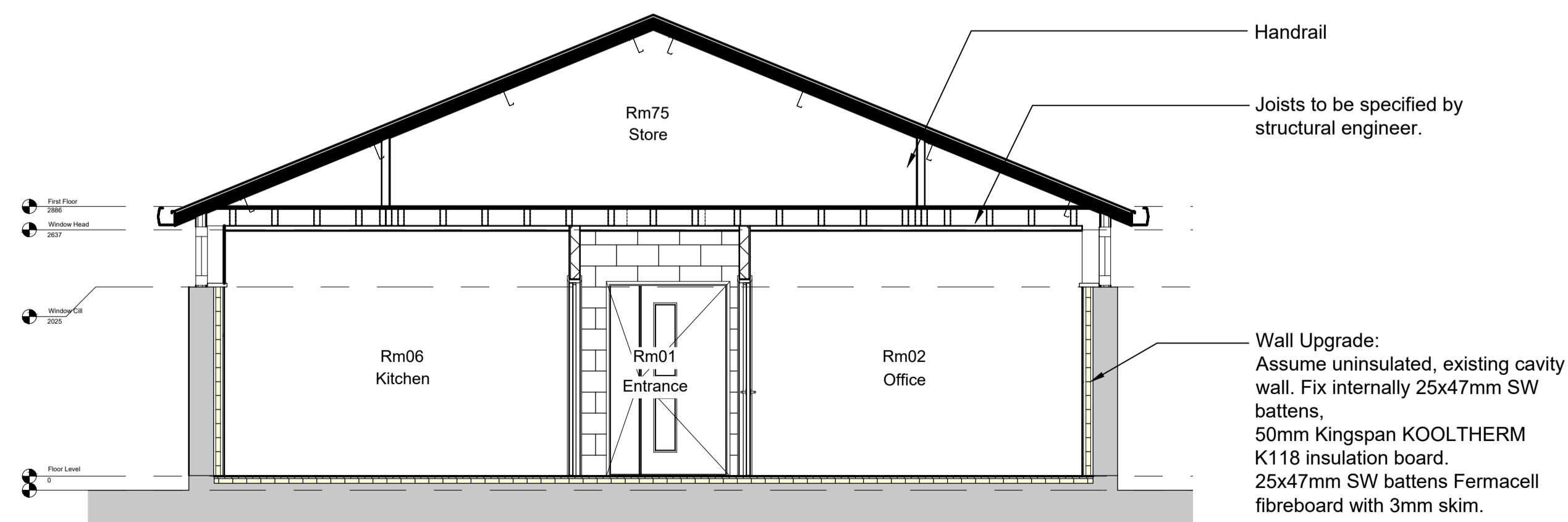
**ROOFING**  
The existing roof is to be removed and replaced with KINGSPAN QuadCore KS1000RW LEC Roof Panel. The panels are to be minimum 120mm thick which will achieve a 'U' value of 0.15.

Internal wall up to the underside of the roof and fire stopped.

Fire protected corridor

Handrail

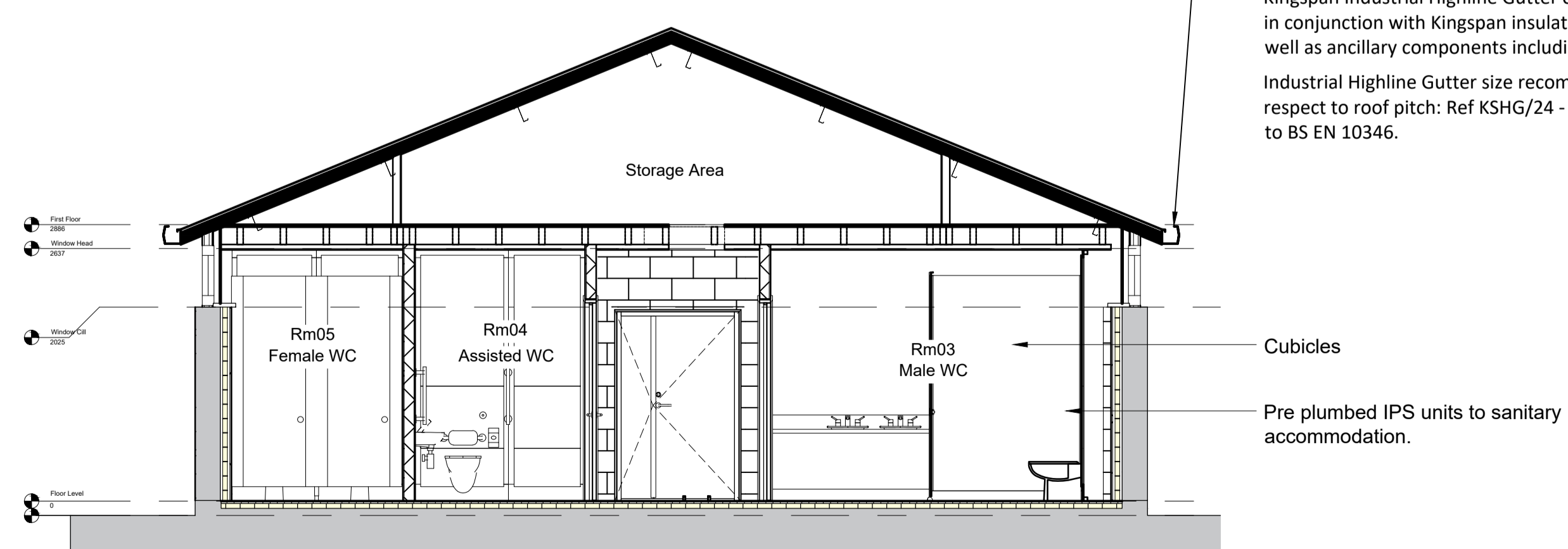
**Floor Upgrade:**  
Assume uninsulated, 150mm reinforced concrete slab.  
25mm tongue and groove OSB board.  
50mm Kingspan KOOLTHERM K103 floorboard.  
Polythene DPM



Handrail

Joists to be specified by structural engineer.

**Wall Upgrade:**  
Assume uninsulated, existing cavity wall. Fix internally 25x47mm SW battens, 50mm Kingspan KOOLTHERM K118 insulation board. 25x47mm SW battens Fermacell fibreboard with 3mm skim.



Kingspan Industrial Highline Gutter or similar, to be used in conjunction with Kingspan insulated roof panels, as well as ancillary components including.

Industrial Highline Gutter size recommendations with respect to roof pitch: Ref KSHG/24 - 24° roof pitch. Steel to BS EN 10346.

Cubicles

Pre plumbed IPS units to sanitary accommodation.

C - Add Scale Bar. 15/01/24 - Add notes for roof.

REVISION DATE

PROJECT: Community and Spiritual Centre Court place Farm, Marston

CLIENT: Paul Harris

DRAWING: Sections

DRAWING NUMBER: 5550/46/C

SCALE @ ALL DATE 20/12/23

DRAWN MEJA CHECKED



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