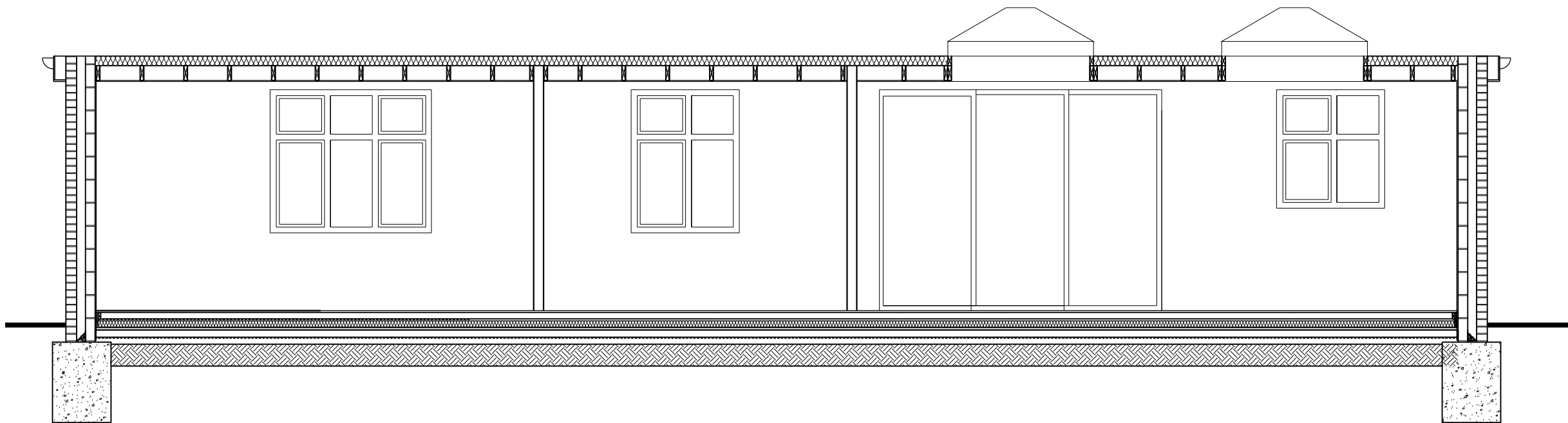


Section A-A



Section B-B

CONSTRUCTION AND BUILDING REGULATION NOTES

Foundations:
Trench fill as indicated

External Walls: Max 'U' value 0.30W/m²°C.
From new footings construct cavity walls as follows:
102.5mm clay facing brickwork to match existing ;
85mm cavity with full fill Knauf Insulation Crown Dritherm or similar approved cavity insulation, fixed back to inner leaf of 100mm THERMALITE 'Shield' or similar approved blockwork with stainless steel wall ties. Close cavities at door and window openings with Thermabate TCB or similar approved cavity closers.

DPC's:
Rubberoid Hyload or similar approved polymeric DPC min. 150mm above ground level with min. 3 course splash course.
Min. width 225mm to reveals of external openings fixed back to window and door frames.
100mm width to underside of external cills.
1200g polyethylene dpm to form cavity trays over external openings and cavity bridges.

Structural Steelwork:
Supply and install structural steelwork and associated bearing padstones, piers etc. in accordance with the structural engineer's details.

Mechanical Extract

Bathrooms Kitchen and Utility to have mechanical extract vertical through roof

Windows: Max. 'U' value 1.8 W/m²°C whole unit or 1.2 W/m²°C centre pane
UPVC windows with opening lights to BS 7412:2002, providing rapid ventilation of no less than 1/20th of room area in accordance with BS5925:1991. Provision of natural light to comply with BS 8206. Trickle vents fixed to all windows to provide background ventilation.

Glazing: Max 'U' value 1.8Wm²°C
External window and glazed door units to be double glazed with low-E 24mm insulating units. Provide laminated safety glazing where glazing is below 800mm above finished floor level (1500mm to doors & 300mm either side) to BS EN 12600 with all panes clearly marked in accordance with BS 6262.

Electrical Installation:
Electrical wiring and fittings installed as BS 7671:2001, Requirements for Electrical Installations, IEE Wiring Regulations and Approved Document P.
Site switches and sockets in accordance with AD M2, Section 8, Diagram 22: between 450mm and 1200mm above finished floor level.

Certification and reporting required by AD P to be carried out by a competent person.

All new light fittings to have an efficiency of 40 lumens per circuit watt in accordance with AD L1, Table 4.

Heating
Alterations to heating system by specialist

Fire Protection:
Structural steelwork to be encased where necessary with 13mm fireline board, with taped joints and skim finish in full accordance with manufacturer's recommendations to provide min. 30mins. fire resistance.

Below Ground Drainage:
Hepsleave / Hepseal flexibly jointed pipes to manufacturer's recommendations..

Rainwater Drainage:
New rainwater goods to be aluminium Gutter to be 110mm sq section, downpipe to be 75mm sq section. Rainwater outlets to connect to extg drain.

rev	description	date
A	Section A-A revised Section B-B added	02/11/2021
B	Sections A-A & B-B revised	25/04/2022

Alterations and extension
9 Eastmere Road
Wigston
for Mr & Mrs G Dyer

Section

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