



Ventilation calculation
16 No. airbricks (min 6,000mm² each) give total ventilation of **96,000mm²**
External Wall Perimeter = 53.3m (1500mm² per metre run = **79,950mm²**)
Floor Area = 106.29q.m. (500mm² per m² floor area = **53,100mm²**)

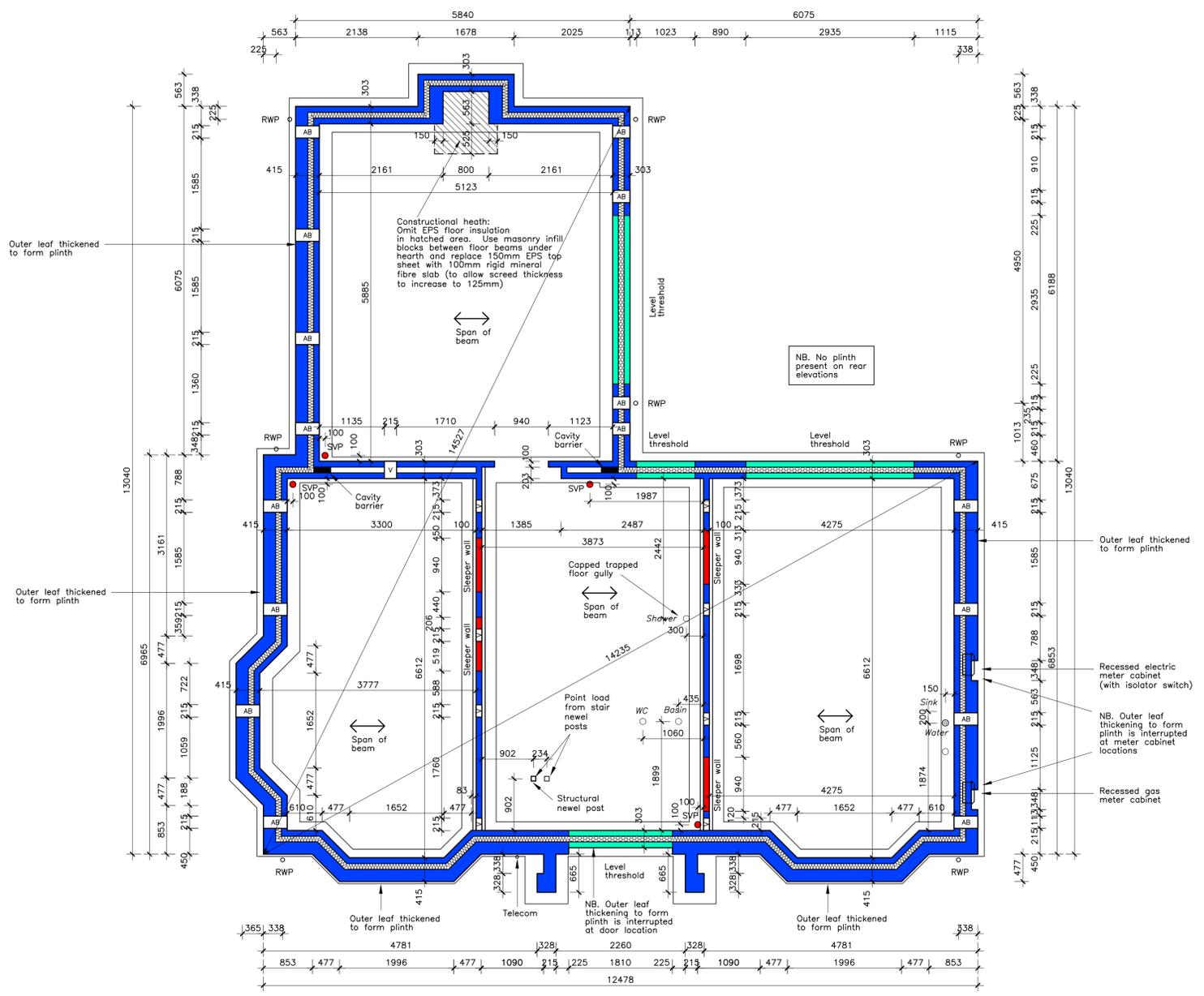
NB. On sites requiring ground gas protection, additional subfloor vents will be needed, spaced at max 2m centres to satisfy NHBC requirements

Rev.	Date	Description
P1	19-07-24	First preliminary issue
P2	23-07-24	Foundations altered to match plots without plinth shown on drawing 24403-TLM-200
P3	24-01-25	Plinth recess at meter cabinets widened and dimensioned. Dwarf wall added between porch pillars and main house
C1	27-06-25	ISSUED FOR CONSTRUCTION (Subject to NHBC approval)

See Engineer's plans for plot specific foundation widths & depths, finished floor levels and underbuild & raised / double DPCs

NB. No plinth present on rear elevations

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Symbols & hatching key (Houses)

- Sleeved mineral fibre cavity barrier extending down to top of foundation installed under compression between masonry leaves
- Span direction of ground floor beams
- Telescopic periscope vent with airbrick insert matching brickwork colour (extended where plinth is present)
- Vent through wall (sleeved through cavity if present)
- 100mm wall cavity below door thresholds and vents through walls fully filled with polystyrene insulation batts as per Arison construction details
- 100mm wall cavity (except below door thresholds and vents) fully filled with blown mineral fibre insulation as per Arison construction details
- 100mm or 215mm 7.3N/mm² blockwork. Outer leaf to be replaced by Engineering brickwork from DPC to min 3 courses below ground level.
- Trenchblock(s) below 100mm internal blockwork walls as shown on Arison details
- 100mm 7.3N/mm² blockwork below external door threshold. Outer leaf to be replaced by Engineering brickwork from DPC to min 3 courses below ground level
- 100mm or 215mm 7.3N/mm² blockwork sleeper wall
- Timber stud buttress wall above carried by floor
- Primary soil vent pipe
- Secondary waste connection
- Direct connection for WC pan
- Direct connection for washbasin
- Direct connection for sink
- Capped trapped waste for level access shower
- Incoming water main
- Rainwater downpipe

THE TILLINGHAM IS CALLED HOUSE TYPE HT6 ON THE PLANNING DRAWINGS

PLOT SCHEDULE – THE TILLINGHAM
M4(2) CATEGORY PRIVATE 5B10P HOUSE
Plot 43 – As drawn

Drawing Status
CONSTRUCTION
Original size 100mm – this print may be reduced

Note: All dimensions, materials and workmanship to be in accordance with NHBC standards and Building Regulations.
Do not scale from this drawing. All dimensions to be verified with the Architect.
All dimensions shown are structural unless otherwise stated.

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Project
HARE'S LEAP
MILL ROAD, HENHAM
ESSEX

Drawing Title
THE TILLINGHAM
SUBSTRUCTURE PLAN
PLOT 43

Scale Date Drawn Approved
1:50@A1 19-07-24 WSP WSP

Drawing No
24403-TLM-210 C1

SUBSTRUCTURE PLAN
Plot 43 – As drawn
M4(2) Category
Brick plinth where shown on plan
Please refer to drawing
14403-TLM-200 for Plots 34,
37 & 38