

Ventilation calculation
8 No. airbricks (min 6,000mm² each) give
total ventilation of **48,000mm²**
External Wall Perimeter = 28.2m
(1500mm² per metre run = **42,300mm²**)
Floor Area = 40.6sq.m.
(500mm² per m² floor area = **20,300mm²**)

MANORHOUSE
ARCHITECTURE

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Rev.	Date	Description
P1	19-07-24	First preliminary issue
P2	23-07-24	Length of foundation below porch pillars increased to match Engineer's plans
P3	11-09-24	Sleeper walls repositioned to align with blockwork buttress walls above introduced to replace timber stud buttress walls
P4	24-01-25	Side RWP nearest front corner moved 400mm back to avoid encroaching into parking space

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 Artisan construction details
- 100mm wall cavity (except below door thresholds and vents) fully filled with blown mineral fibre insulation as per Artisan 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 Artisan 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

PLOT SCHEDULE – AHT4 M4(3) CATEGORY AFFORDABLE 2B3P BUNGALOW

Plot 7 – As drawn
Plot 8 – Handed

Drawing Status

PRELIMINARY

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.

Client

Bellway

BELLWAY HOMES NORTH LONDON
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Tel: 01895 671100

Project

**HARE'S LEAP
MILL ROAD, HENHAM
ESSEX**

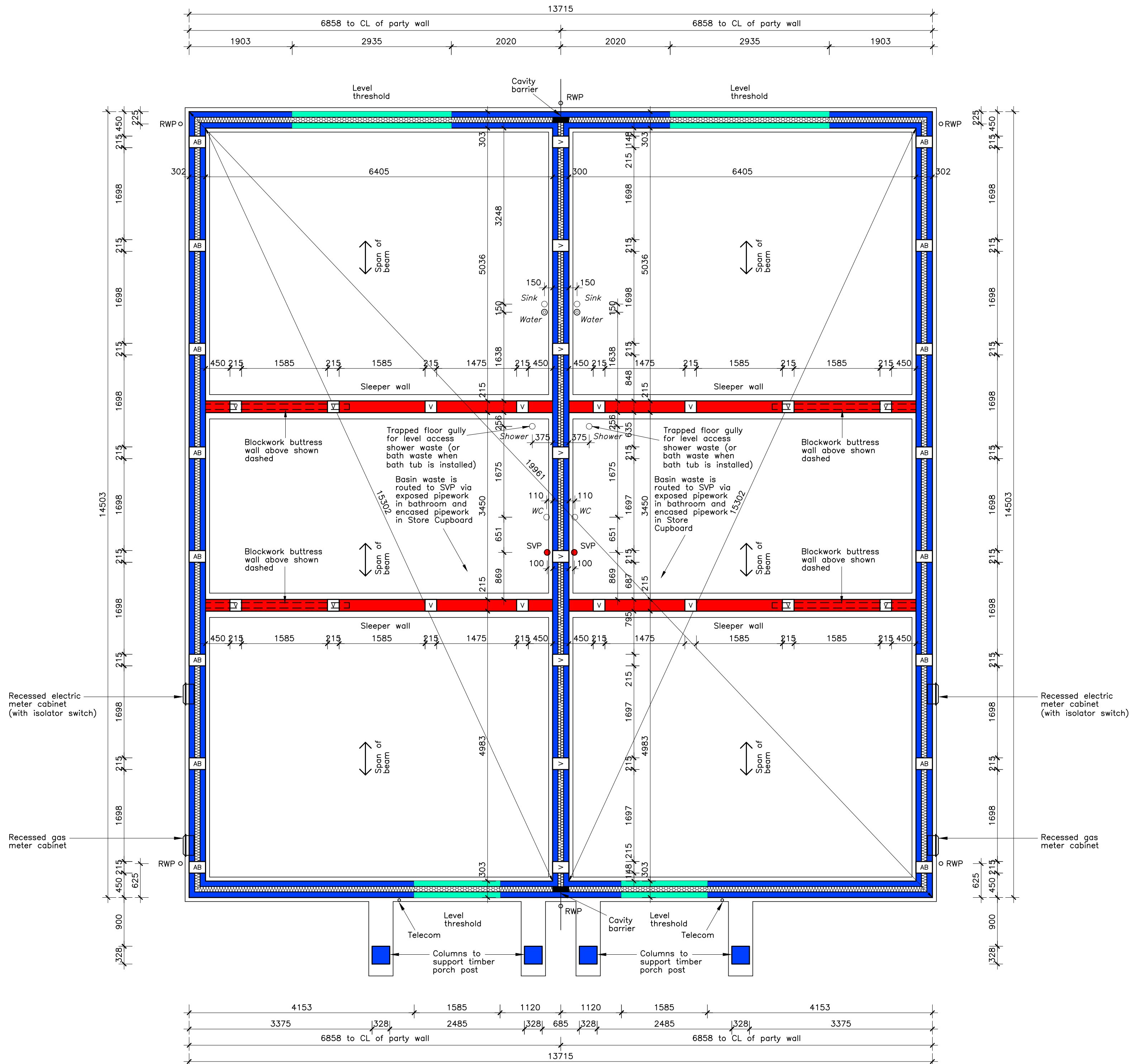
Drawing Title

**HOUSE TYPE AHT4
SUBSTRUCTURE PLAN**

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

Drawing No Rev.
24403-AHT4-200 P4

See Engineer's plans for
plot specific foundation
widths & depths and
finished floor levels



**AHT4
Plot 7
M4(3) Category**

**AHT4 (Handed)
Plot 8
M4(3) Category**