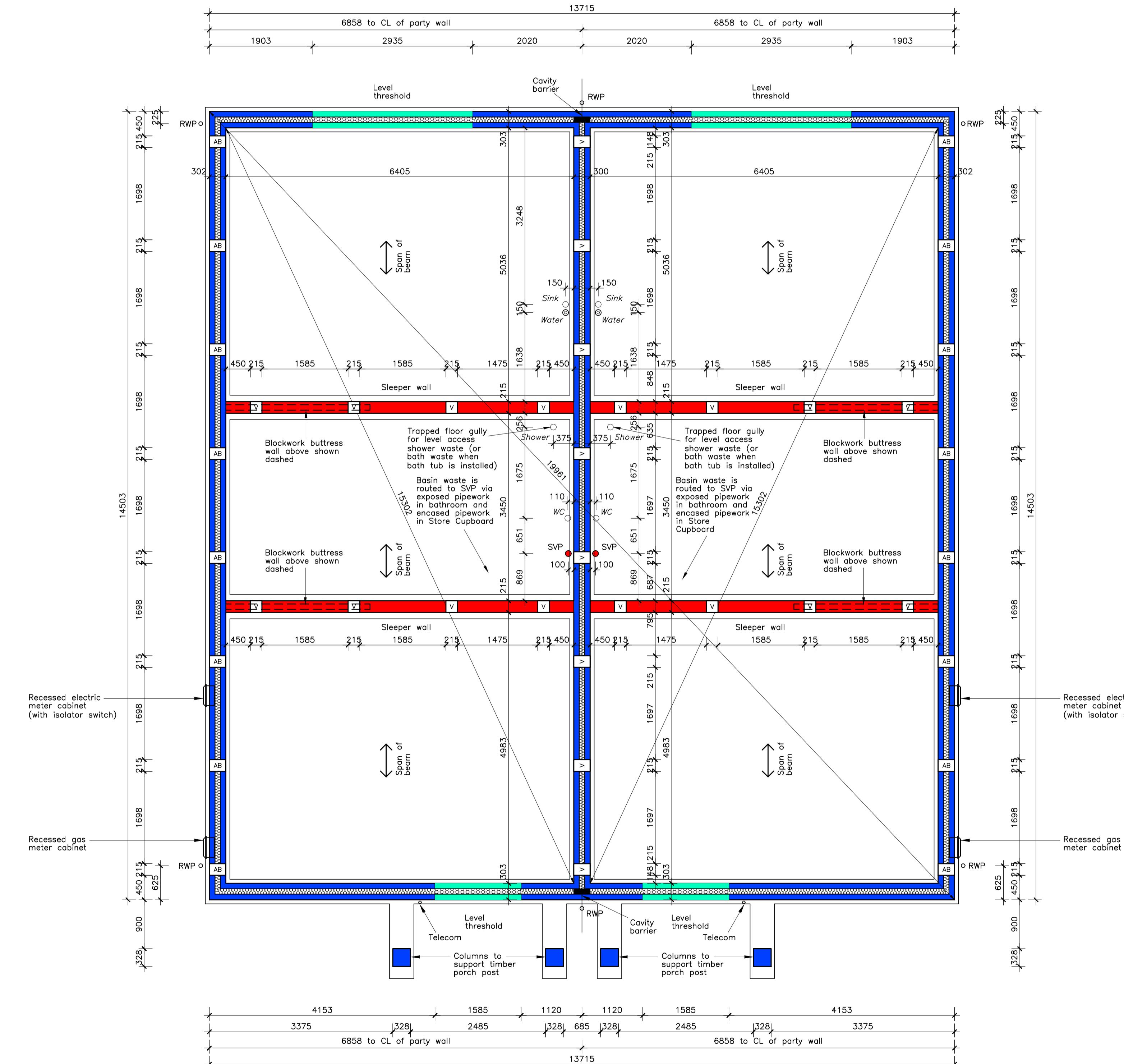


Ventilation calculation  
8m<sup>2</sup> airbricks (min 0.15m<sup>2</sup> each) give  
total ventilation of 48,000mm<sup>3</sup>  
External Wall Perimeter = 28.2m  
(150mm<sup>2</sup> per metre run = 42,300mm<sup>2</sup>)  
Floor Area = 40.68m<sup>2</sup>  
(500mm<sup>2</sup> per m<sup>2</sup> floor area = 20,300mm<sup>2</sup>)

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

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

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
- AB Telescopic periscope vent with airbrick insert matching brickwork colour (extended where plinth is present)
- Vent through wall (sleved 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/mm<sup>2</sup> 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/mm<sup>2</sup> 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/mm<sup>2</sup> blockwork sleeper wall
- Timber stud buttress wall above carried by floor
- SVP Primary soil vent pipe
- Secondary waste connection
- WC Direct connection for WC pan
- Basin Direct connection for washbasin
- Sink Direct connection for sink
- Shower Capped trapped waste for level access shower
- Water ○ Incoming water main
- RWP ○ Rainwater downpipe

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

Plot 7 – As drawn  
Plot 8 – Handed

Drawing Status

PRELIMINARY

Original size 10mm – 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  
Bury Street, Risings, Middlesbrough, H4 7SD  
Tel: 01985 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. 24403-AHT4-200 Rev. P4