

Ventilation calculation
6 No. airbricks (min 6,000mm² each) give
total ventilation of **36,000mm²**
External Wall Perimeter = 21.0m
(1500mm² per metre run = **31,500mm²**)
Floor Area = 47.6sq.m.
(500mm² per m² floor area = **23,800mm²**)

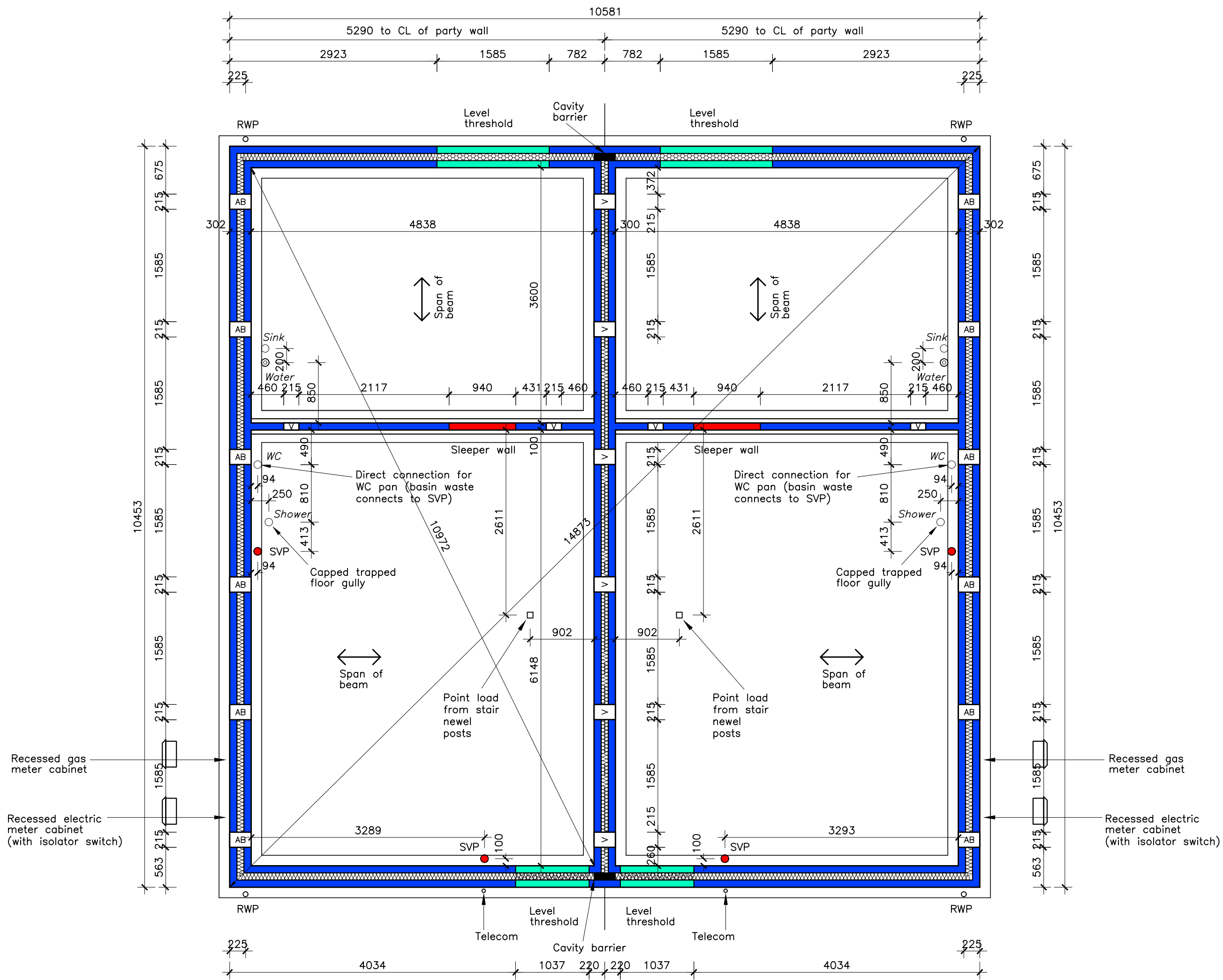
NB. On sites requiring ground gas
protection, additional subfloor vents
will be needed, spaced at max 2m
centres to satisfy NHBC requirements

MANORHOUSE
ARCHITECTURE

Blenheim Cottage, The Lane, Easton, Huntingdon, Cambs. PE28 0TY
Tel / Fax: 01480 660700 E-mail: manorhousearch@aol.com

Rev.	Date	Description
C1	01-12-25	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



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
- 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

THE HARPER IS CALLED HOUSE TYPE HT1
ON THE PLANNING DRAWINGS

PLOT SCHEDULE – THE HARPER
M4(2) CATEGORY PRIVATE 3B4P HOUSE
Plot 47 – As drawn
Plot 48 – Handed

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.

Client

Bellway
BELLWAY HOMES NORTH LONDON
Bellway House
Bury Street, Ruship, Middlessex HA4 7SD
Tel: 01895 671100

Project

HARE'S LEAP
MILL ROAD, HENHAM
ESSEX

Drawing Title

THE HARPER
SUBSTRUCTURE PLAN

Scale Date Drawn Approved
1:50@A1 01-12-25 WSP WSP

Drawing No Rev.
24403-HAR-200 C1

SUBSTRUCTURE PLAN
HARPER HARPER (Handed)
Plot 47 Plot 48
M4(2) Category M4(2) Category