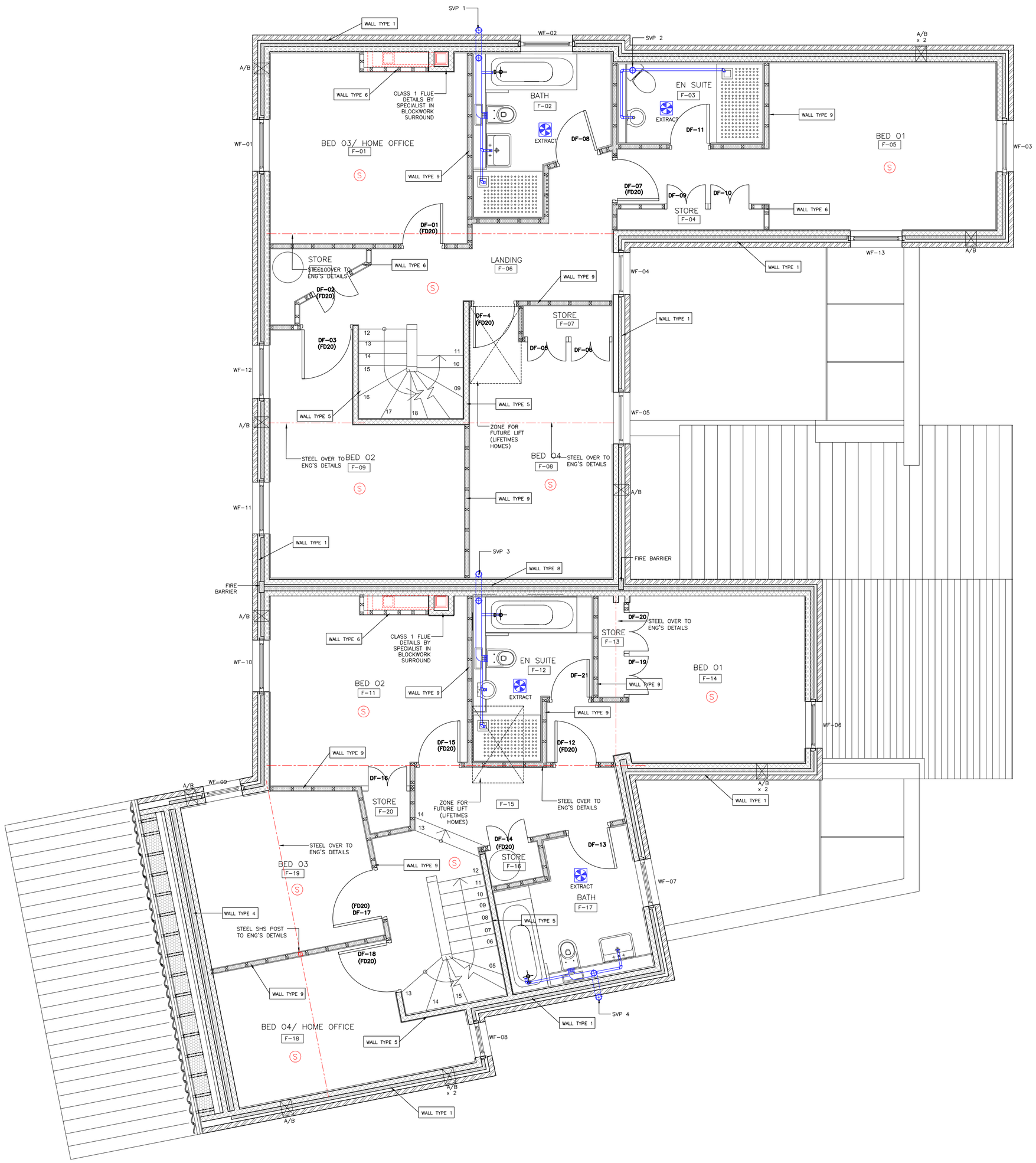

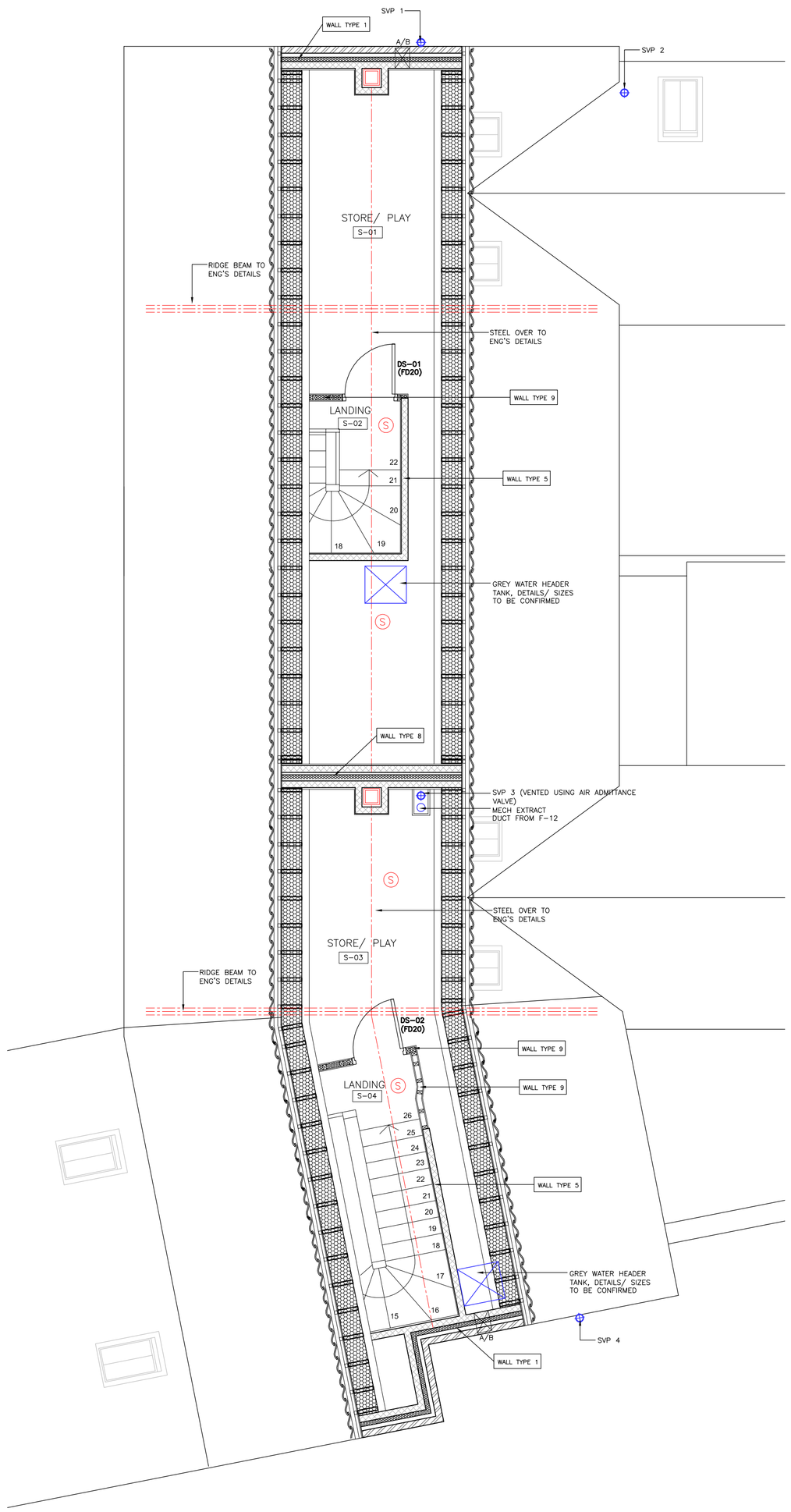

CM AUTO CARBON MONOXIDE DETECTOR

S AUTO SMOKE DETECTOR

H AUTO HEAT DETECTOR

A/B x 2 AIR BRICK AT Min 1700mm AFFL, SEE NOTES FOR DETAILS (QTY NOTED)

WALL TYPE 1 Target U Value min 0.22W/mK.

100mm thick external facing brick to approved laying pattern, 125mm cavity with 75mm thick Celotex CW3000 rigid insulation, 100mm internal facing blockwork leaf (Min strength of 7N/mm²). Line inside with 12.5mm thick Gyproc Wallboard on plaster dabs with full plaster skim finish. Gyproc moisture resistant board to be used in all bathrooms and kitchen areas.

NOTE: Grade of mortar:
Specific mix for brickwork to be 1 part lime, 1 part cement, 6 parts sand.

Ancon Staifix RT2 General Purpose Wall Tie (Masonry General Purpose) The Staifix RT2 is suitable for cavities from 50mm to 100mm and can be used in the construction of domestic houses and small commercial buildings up to 15 metres in height. Lengths: 225mm for 76-100mm cavities with Universal Insulation Retaining Clips. Ties to be set at 750mm horizontal centres and 450mm vertical ctrs. External openings to have ties at 225mm vertical ctrs within 300mm of opening. Ties to have min 50mm embedment. All to suit NHBC requirements

WALL TYPE 2 Target U Value: N/A

100mm thick external facing brick to approved laying pattern, 125mm cavity, 100mm internal facing blockwork leaf (Min strength of 7N/mm²). Fair faced blockwork internal finish.

NOTE: Grade of mortar:
Specific mix for brickwork to be 1 part lime, 1 part cement, 6 parts sand.

Ancon Staifix RT2 General Purpose Wall Tie (Masonry General Purpose) The Staifix RT2 is suitable for cavities from 50mm to 100mm and can be used in the construction of domestic houses and small commercial buildings up to 15 metres in height. Lengths: 225mm for 76-100mm cavities with Universal Insulation Retaining Clips. Ties to be set at 750mm horizontal centres and 450mm vertical ctrs. External openings to have ties at 225mm vertical ctrs within 300mm of opening. Ties to have min 50mm embedment. All to suit NHBC requirements

WALL TYPE 3 Target U Value: N/A

100mm thick blockwork leaf (Min strength of 7N/mm²), 125mm cavity, 100mm internal facing blockwork leaf (Min strength of 7N/mm²). Line inside with 15mm thick plaster with full plaster skim finish.

Ancon Staifix RT2 General Purpose Wall Tie (Masonry General Purpose) The Staifix RT2 is suitable for cavities from 50mm to 100mm and can be used in the construction of domestic houses and small commercial buildings up to 15 metres in height. Lengths: 225mm for 76-100mm cavities with Universal Insulation Retaining Clips. Ties to be set at 750mm horizontal centres and 450mm vertical ctrs. External openings to have ties at 225mm vertical ctrs within 300mm of opening. Ties to have min 50mm embedment. All to suit NHBC requirements

WALL TYPE 4 Target U Value min 0.22W/mK.

100mm thick blockwork leaf (Min strength of 7N/mm²), 125mm cavity with 65mm thick Celotex CW3000 rigid insulation, 100mm internal facing blockwork leaf (Min strength of 7N/mm²). Line inside (habitable rooms only) with 12.5mm thick Gyproc Wallboard on plaster dabs with full plaster skim finish. Gyproc moisture resistant board to be used in all bathrooms and kitchen areas.

Ancon Staifix RT2 General Purpose Wall Tie (Masonry General Purpose) The Staifix RT2 is suitable for cavities from 50mm to 100mm and can be used in the construction of domestic houses and small commercial buildings up to 15 metres in height. Lengths: 225mm for 76-100mm cavities with Universal Insulation Retaining Clips. Ties to be set at 750mm horizontal centres and 450mm vertical ctrs. External openings to have ties at 225mm vertical ctrs within 300mm of opening. Ties to have min 50mm embedment. All to suit NHBC requirements

WALL TYPE 5 Internal masonry walls: Concrete blockwork (Min strength of 7N/mm²), plaster and skim finish.

WALL TYPE 6 Internal stud partition walls to be formed from 75x50mm C16 grade softwood joists, with studs at 400mm ctrs and noggins at 600mm ctrs. Line both sides of frame with 15mm thick Gyproc Wallboard with full plaster skim finish. Gyproc moisture resistant board on vapour barrier to be used in all bathrooms and kitchen areas.

WALL TYPE 7 Target U Value: N/A

100mm thick external facing brick to approved laying pattern, 10mm cavity, 100mm internal facing blockwork leaf (Min strength of 7N/mm²). Fair faced blockwork internal finish.

NOTE: Grade of mortar:
Specific mix for brickwork to be 1 part lime, 1 part cement, 6 parts sand.

Stainless steel butterfly wall ties. Ties to be set at 750mm horizontal centres and 450mm vertical ctrs. External openings to have ties at 225mm vertical ctrs within 300mm of opening. Ties to have min 50mm embedment. All to suit NHBC requirements

WALL TYPE 8 Target U Value: 0.20W/mK.

Party wall to be inaccordance with Robust Detail Type E-WM-3
See drawing (00)19 for more details

WALL TYPE 9 Internal stud partition walls to be formed from 75x50mm C16 grade softwood joists, with studs at 400mm ctrs and noggins at 600mm ctrs. Line both sides of frame with 15mm thick Gyproc Wallboard with full plaster skim finish. Gyproc moisture resistant board to be used in all bathrooms and kitchen areas. Fill voids with 50mm thick Isowool insulation.
In locations of bathrooms/ en suites with full height wall tiling, add 1 layer of 8mm thick 'Wedi' board or similar.
Add 18mm WBP ply patresses to walls supporting wall mounted sanitaryware (basins/ shelves etc)

DO NOT USE SCALED DIMENSIONS FROM THIS DRAWING. ALL DIMENSIONS ARE TO BE VERIFIED AND CHECKED BEFORE THE COMMENCEMENT OF ANY SHOP DRAWINGS OR WORK WHATSOEVER, EITHER ON HIS OWN BEHALF OR FOR SUB CONTRACTORS OR SUPPLIERS

ALL DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT IMMEDIATELY

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELATED ARCHITECTS', ENGINEERS' AND SPECIALIST DRAWINGS AND OTHER RELEVENT INFORMATION

Rev	Date	Drawn	Description
E	MB	09.05.12	RESIDUAL CAVITY INCREASED TO 50mm
D	AC	17.04.12	AIR BRICK REQUIREMENT RECALCULATED
C	MB	22.11.11	STEEL ADDED, DIMS ADJUSTED TO SUIT LIFETIME HOMES
B	MB	31.10.11	RAINWATER TANK ADDED
A	MB	13.10.11	DETAILS ADDED

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PROPOSED DEVELOPMENT AT THE FORGE WHIXLEY

FIRST AND SECOND FLOOR PLANS

Scale	Date	Drawn by
1:50	OCT 2011	MB
Job no. 2108	Drawing no. (00)18	Revision no. E