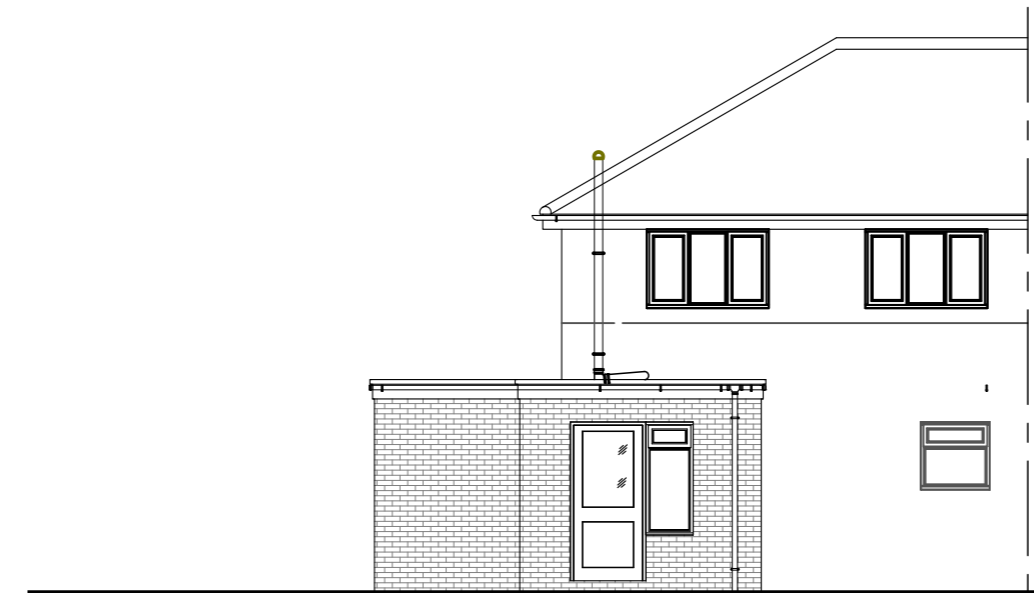
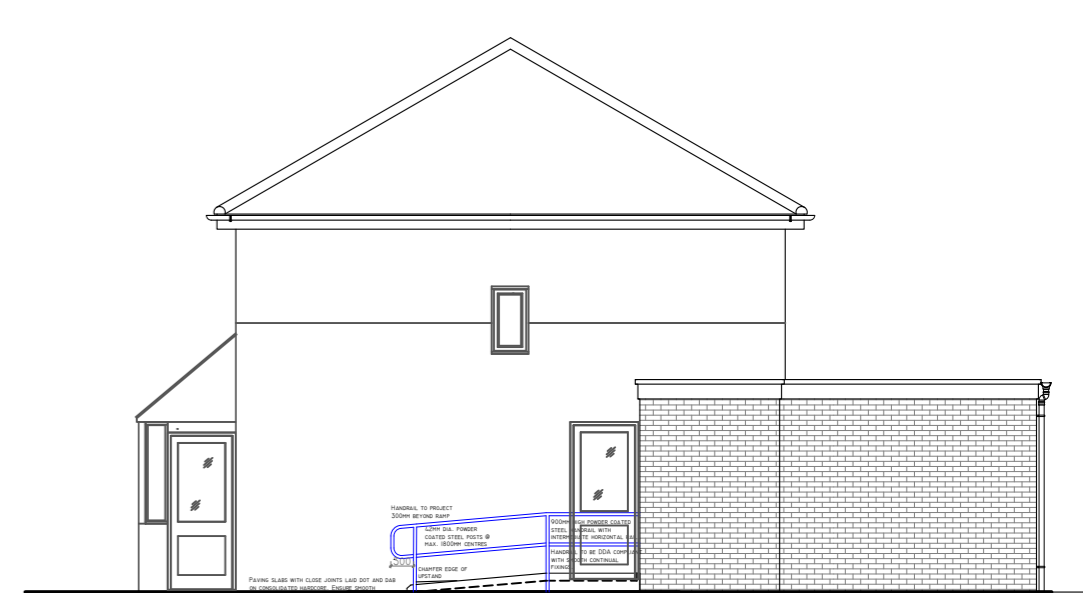


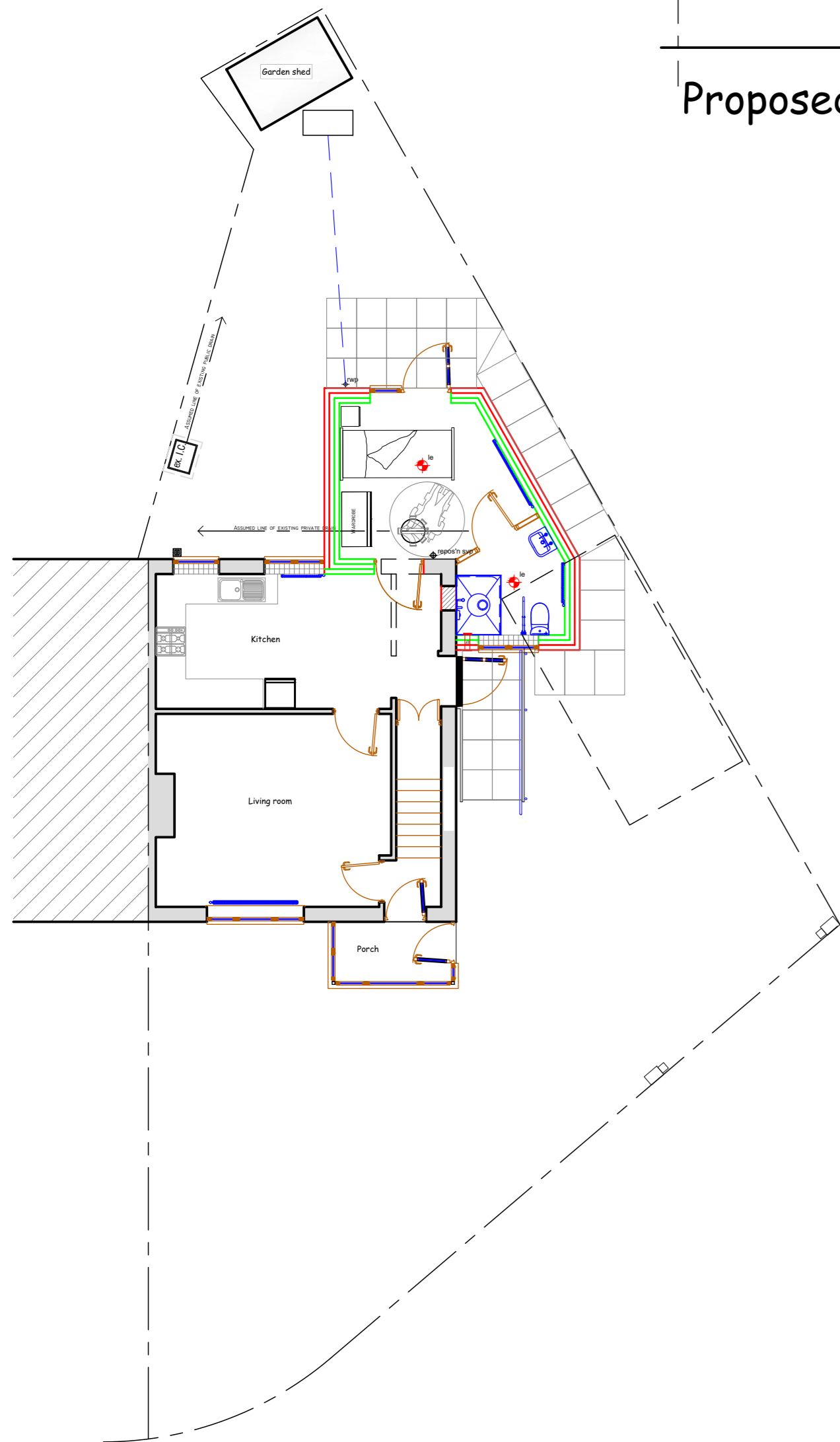
Proposed Front Elevation 1:100



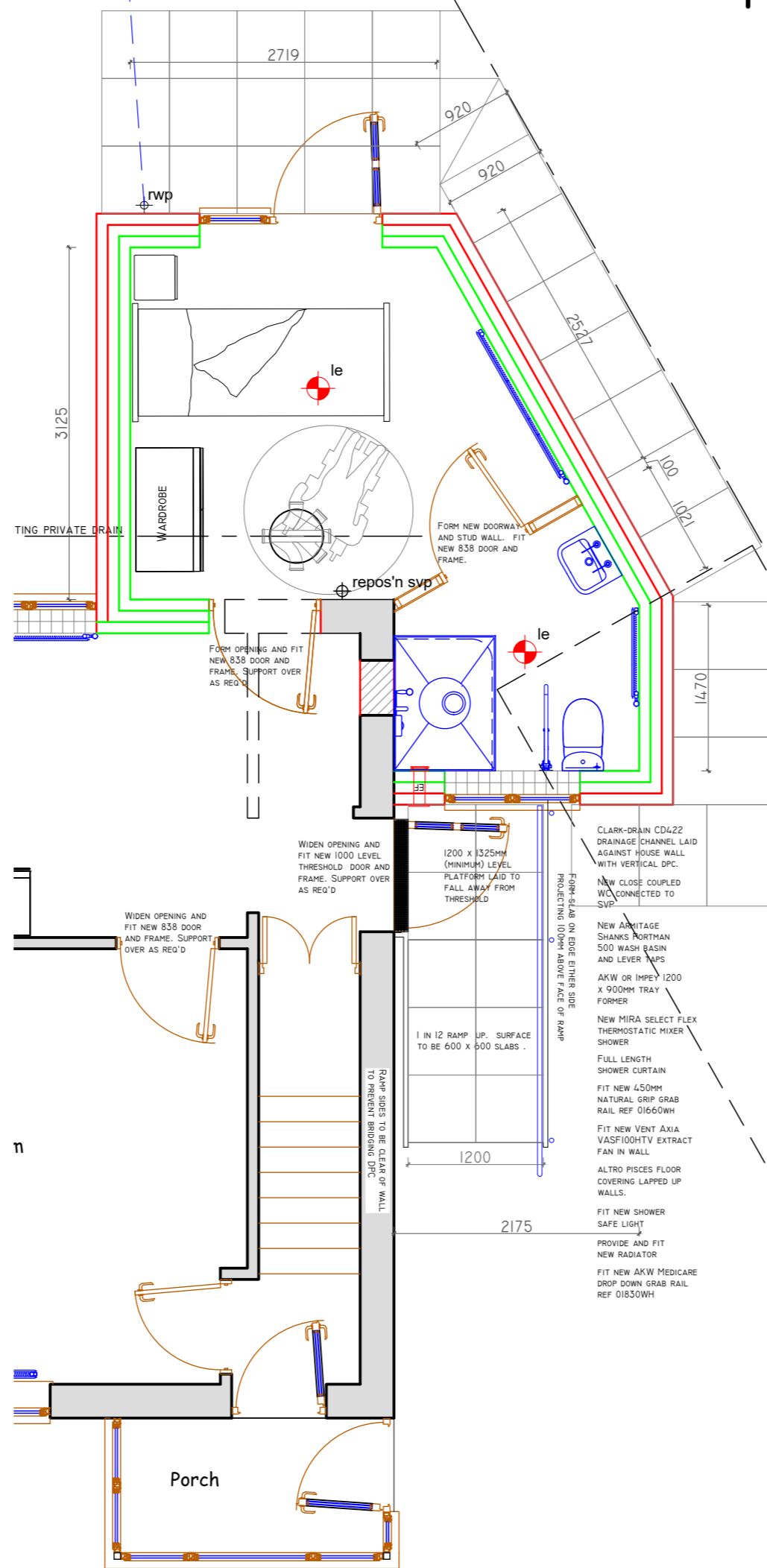
Proposed Rear Elevation 1:100



Proposed Side Elevation 1:100



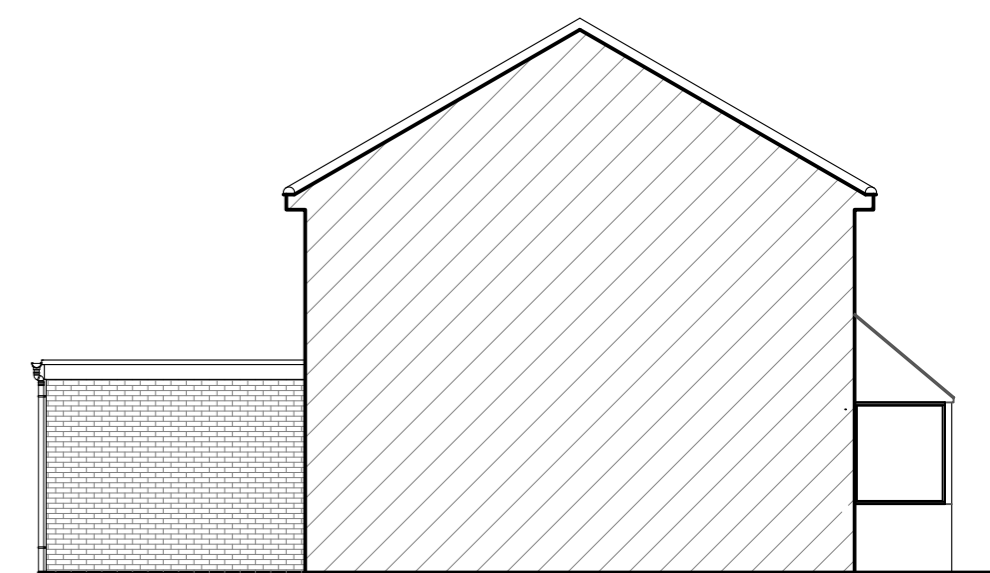
Proposed Ground Floor Plan 1:100



Detail Ground Floor Plan 1:50

Foundations designed in accord with NHBC handbook assuming worst case with 7m high trees at distance of 19m. No additional precautions. Foundation depth of 1.0m

HIGH WATER DEMAND BROAD LEAF TREES IN MEDIUM SHRINKAGE SOILS																				
Mature tree height (m)	Distance from centre of tree or hedgerow to foundation (m)																			
	1.0m	2.0m	3.0m	4.0m	5.0m	6.0m	7.0m	8.0m	9.0m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
8	2.79	2.56	2.37	2.16	1.98	1.74	1.51	1.32	1.11	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
10	2.83	2.66	2.50	2.33	2.16	1.99	1.82	1.66	1.49	1.32	1.15	0.98	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
12	2.86	2.72	2.58	2.44	2.30	2.16	2.02	1.88	1.74	1.60	1.46	1.32	1.18	1.04	0.90	0.90	0.90	0.90	0.90	0.90
14	2.88	2.76	2.64	2.52	2.40	2.28	2.16	2.04	1.92	1.80	1.68	1.56	1.44	1.32	1.20	1.08	0.96	0.90	0.90	0.90
16	2.90	2.79	2.69	2.58	2.46	2.37	2.27	2.16	2.06	1.95	1.85	1.74	1.64	1.53	1.43	1.32	1.22	1.11	1.01	0.90
18	2.91	2.81	2.72	2.63	2.53	2.44	2.35	2.25	2.16	2.07	1.97	1.88	1.79	1.69	1.60	1.51	1.41	1.32	1.23	1.13
20	2.92	2.83	2.75	2.66	2.58	2.50	2.41	2.33	2.24	2.16	2.08	1.99	1.91	1.82	1.74	1.66	1.57	1.49	1.40	1.32

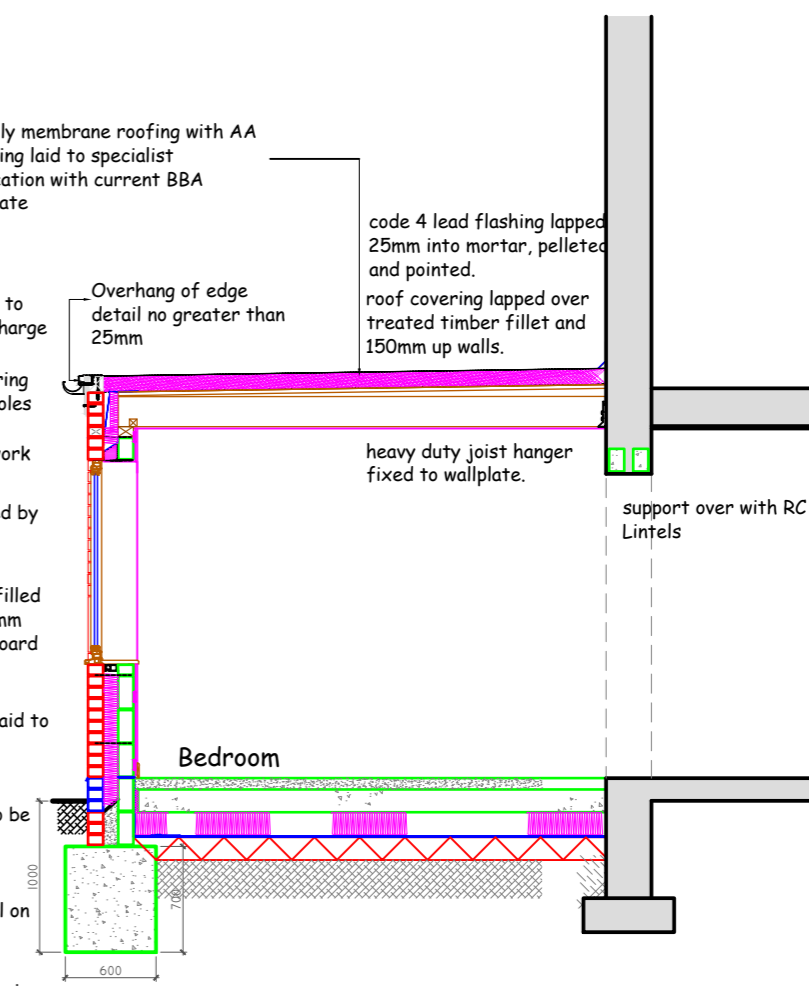


Proposed Side Elevation 1:100

Single ply membrane roofing with AA fire rating laid to specialist specification with current BBA certificate

5mm Celotex insulation.
5 x 10 PVC fascia and soffit.
If round PVC gutter fixed @ 1000 ctrs to 1 fall 1 in 600. 68 dia downpipe to discharge to storm system
lintel type HT/S 100 with 150mm bearing her side and cavity tray over. Weep holes 900mm ctrs.
icon sealant between frame and brickwork real.
C window/frame with trickle vent fitted by NSA registered installer..
2mm facing bricks with 10mm bucket nted mortar joints, 100mm cavity full filled h 100mm Drytherm 32 insulation, 100mm con standard blocks. 12.5mm plasterboard dabs with plaster skim internally.
8W/m² K
in mix cavity fill to 225mm below dpc laid to pe outwards.

or to comprise: Floor finish on 75mm slab and 150mm concrete slab. Slab to be l on vapour barrier on 110mm Celotex 4000 insulation with 25mm perimeter ulation (Celotex) and 1200g dpm radon rier turned up and lapped into dpc. All on mm sand blinding on consolidated dcore base built up in 300mm layers.
ndations to be a min 600mm wide and min 30mm deep. To LABC approval. There are no trees to consider in foundation design.
ill to be central on foundation. Foundation depth of 1.0m
BS-8500-2 (50kg cement to 200kg fine gregate and 400kg course aggregate.



Typical Section 1:50

Revision "A" 28-6-21
General amendments for client

Title
Proposed ground floor facilities
Client

Address
7 Beldams Lane,
Bishops Stortford
Herts. CM23 5LF



Hertfordshire Home Improvement Agency
Adult Care Services, Hertfordshire County Council
Farnham House, Six Hills Way, Stevenage SG1
2FQ Tel: 01438 843467

Date
June 2021

Scale
1:100 + 1:50

Drawing No.
CA-002961/5