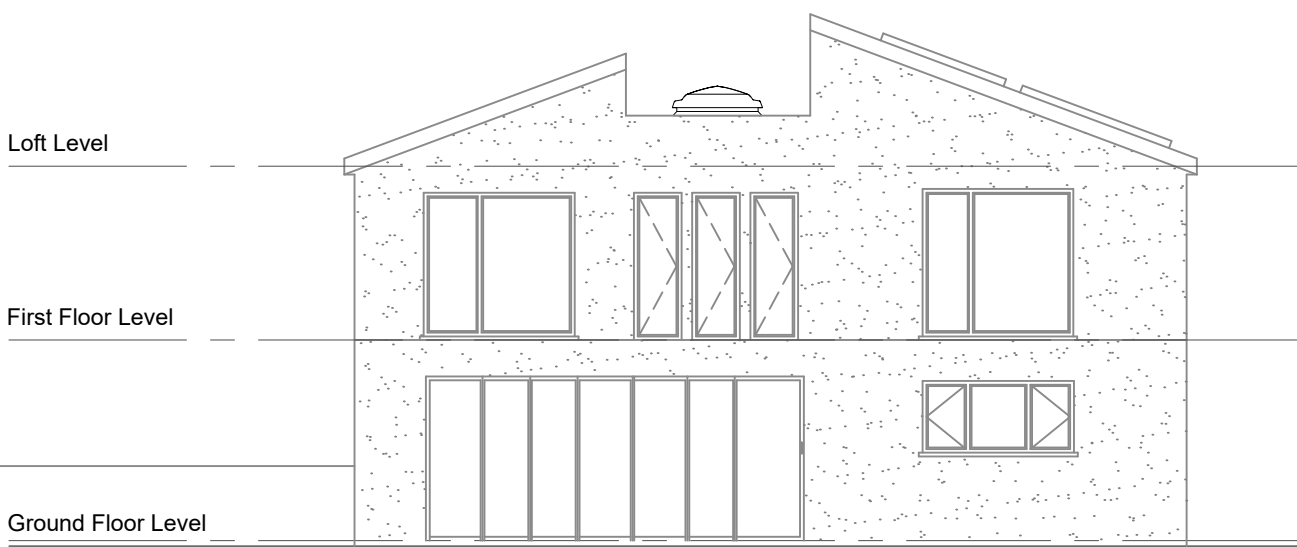
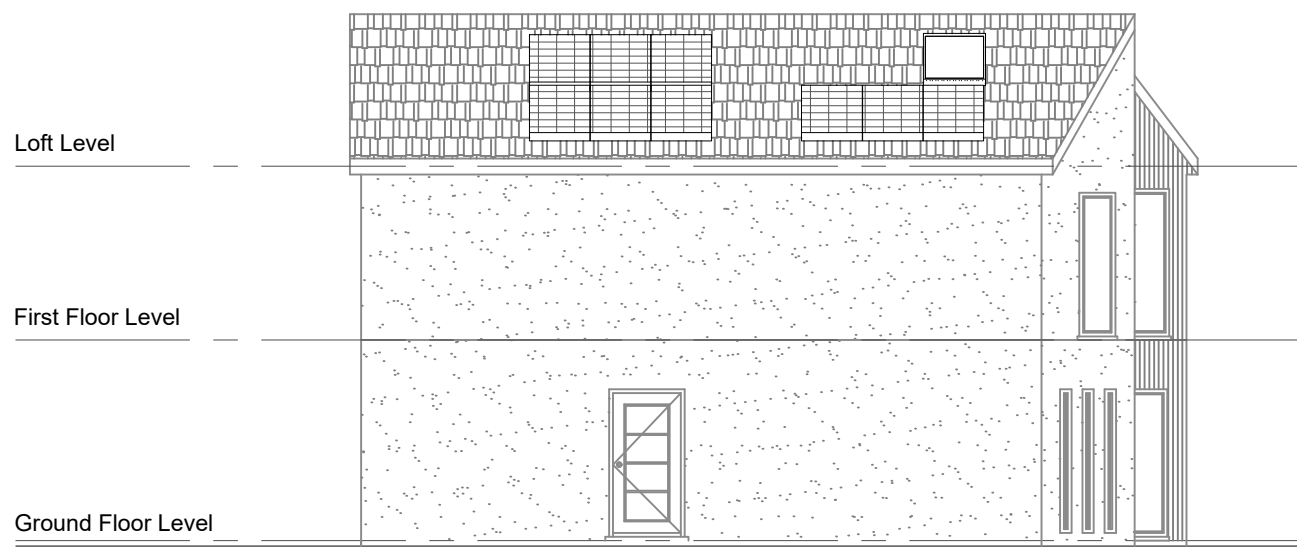




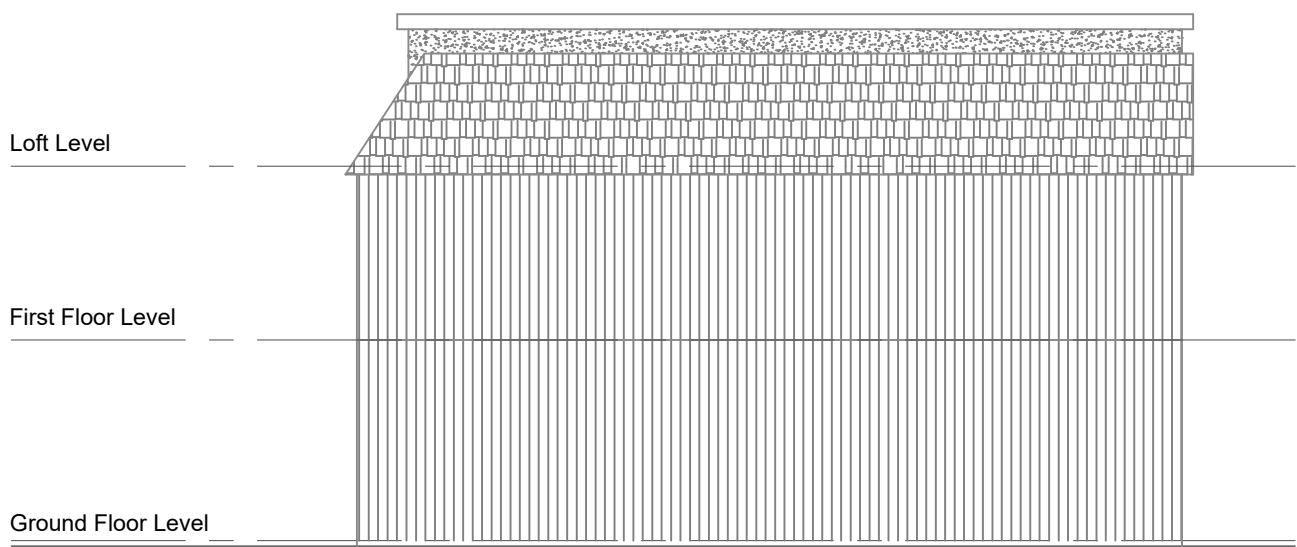
PROPOSED FRONT ELEVATION
(East)



PROPOSED REAR ELEVATION
(West)



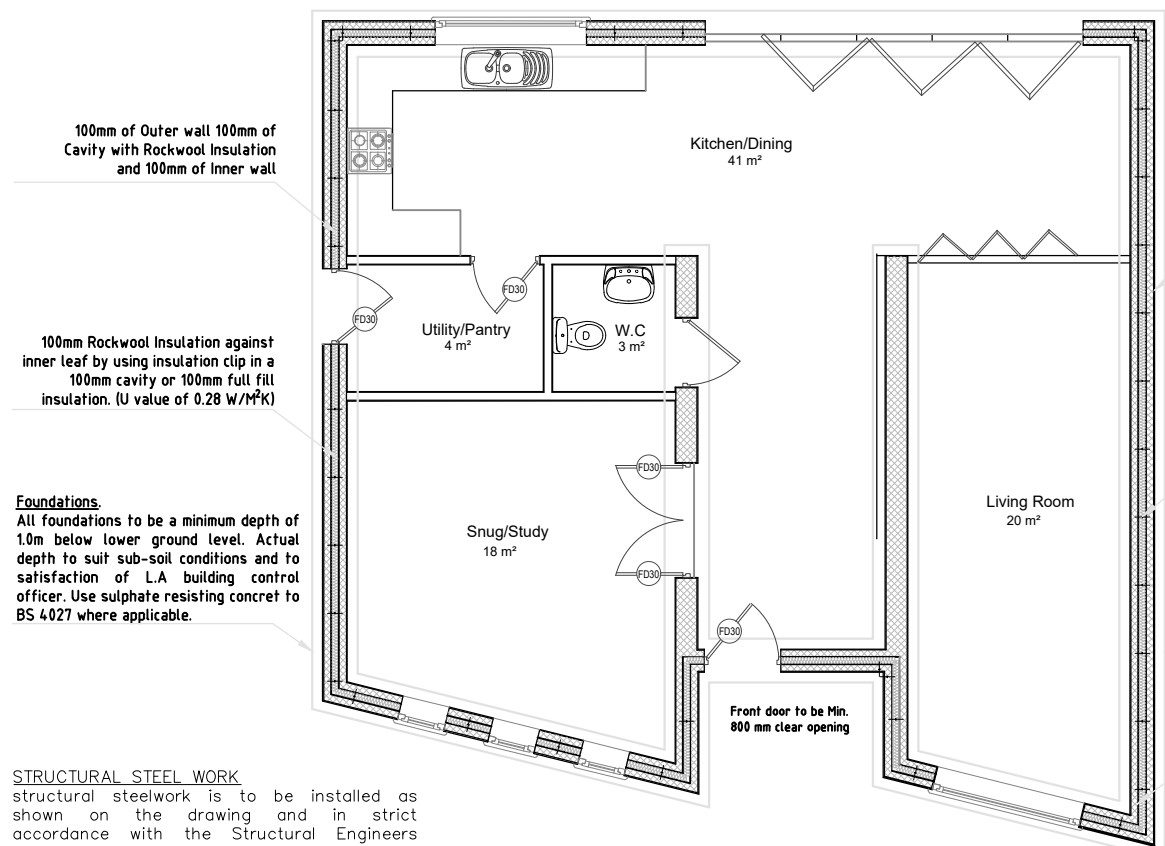
PROPOSED LEFT SIDE ELEVATION
(South)



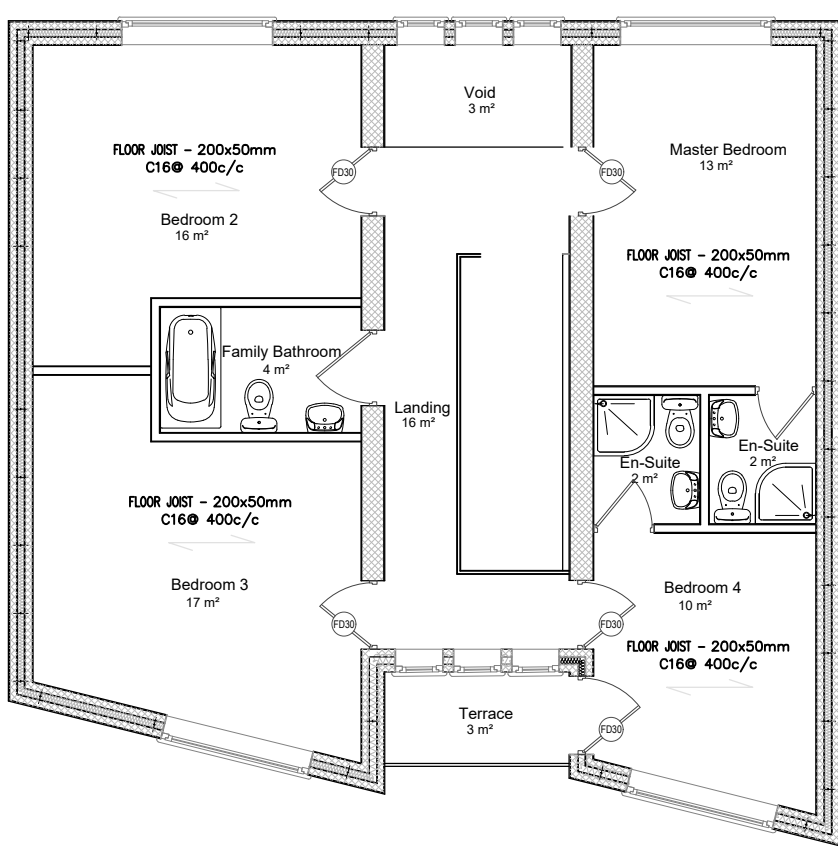
PROPOSED RIGHT SIDE ELEVATION
(North)

NOTES

1. ALL OPEN SECTION STEEL WORKS TO GRADE S275, ALL HOLLOW SECTION STEELWORKS TO BE GRADE S355, BLAST CLEANED TO SA2.5, PRIMED WITH ZINC PHOSPHATE PRIMER TO 75 MICRONS.
2. ALL CONCRETE TO FOUNDATIONS TO BE GEN 3 MIX, GROUND FLOOR SLAB TO BE GRADE C30 MIX.
3. CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY WORKS. ALL EXISTING STRUCTURE TO BE ADEQUATELY PROPPED PRIOR TO DEMOLITION. CONTRACTOR SHALL ENSURE THAT THE STABILITY OF STRUCTURE IS MAINTAINED THROUGH OUT THE CONSTRUCTION.
4. ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO FABRICATION OF STEELWORK.
5. ALL STEELWORKS TO BE ENCASED IN 1.0 HOUR FIRE BOARD TO ARCHITECT DETAILS.



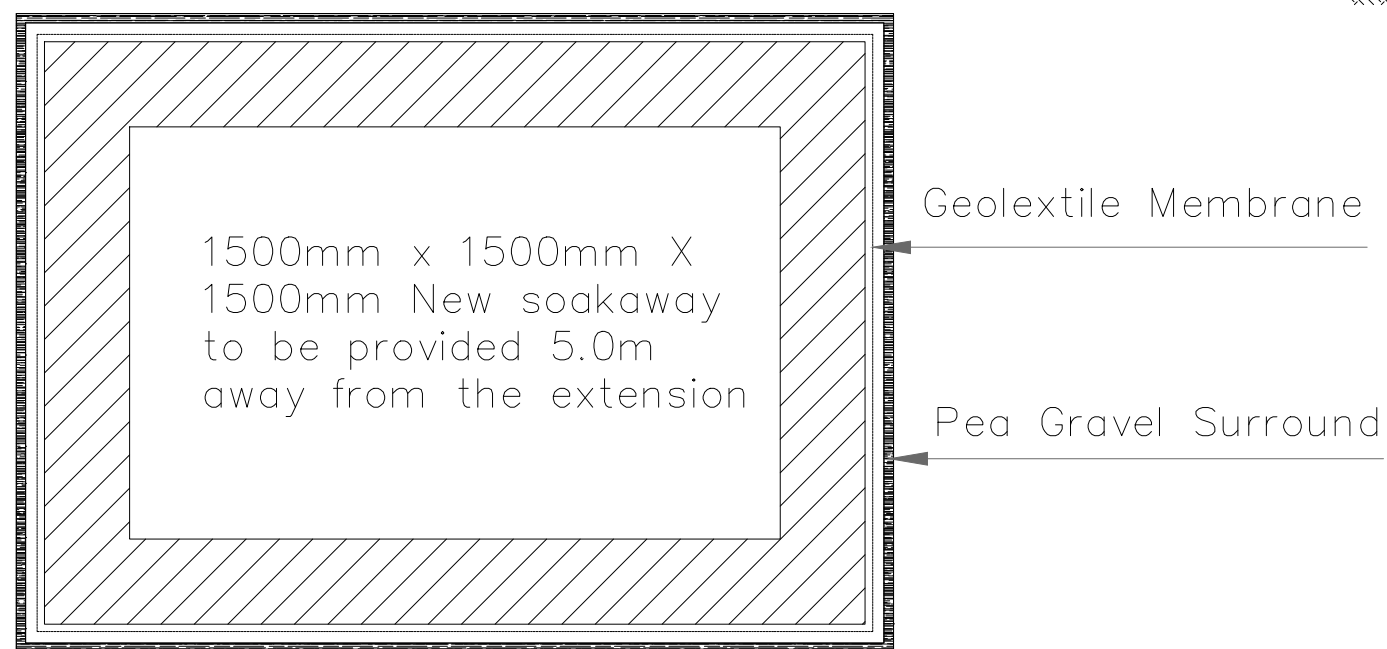
PROPOSED GROUND FLOOR FOUNDATION LAYOUT



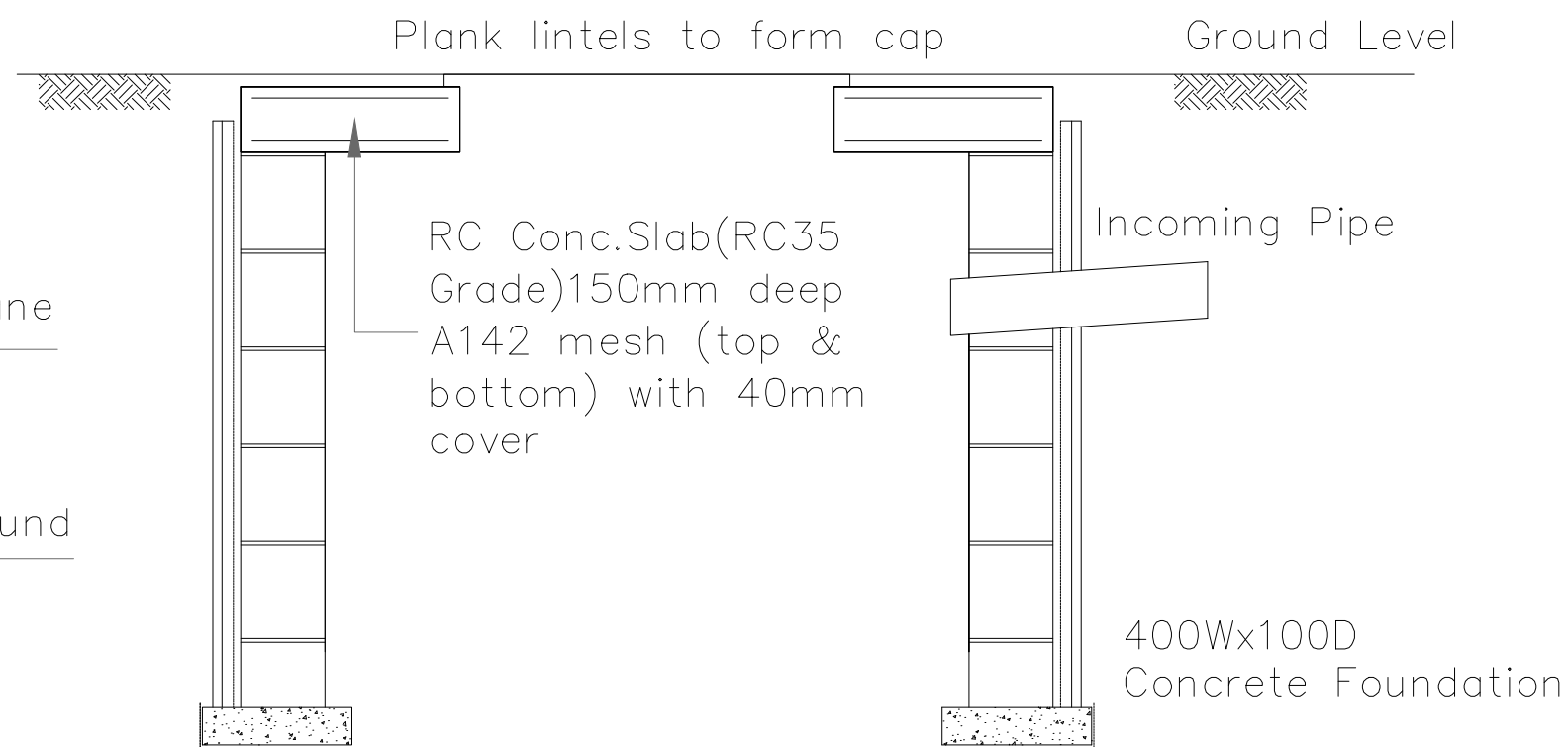
PROPOSED FIRST FLOOR LAYOUT

DRAINAGE / PLUMBING

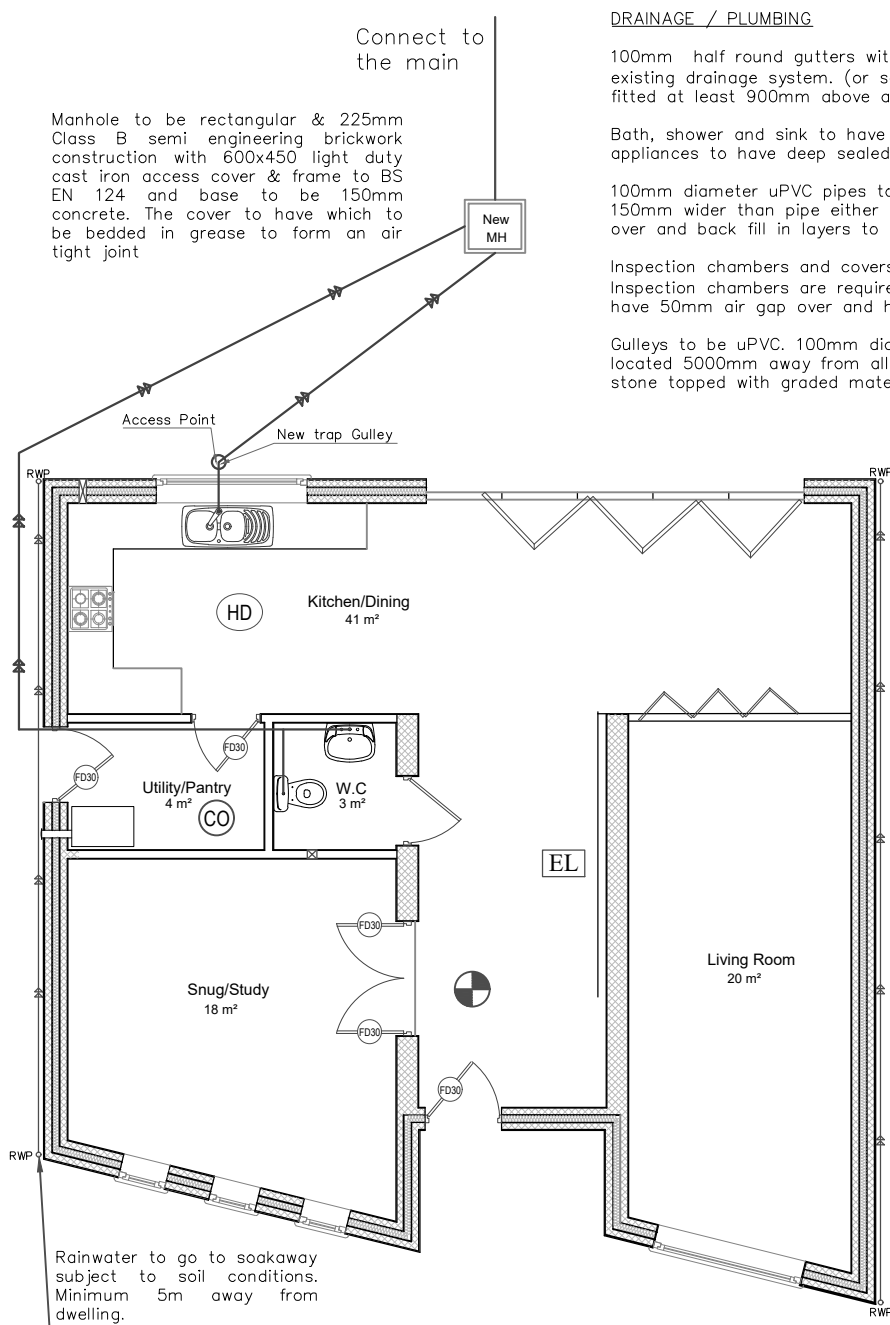
Soakaway to be (BRE digest 365) built with 225mm honeycombed brickwork



Plan



Section



PROPOSED GROUND FLOOR DRAINAGE LAYOUT

DRAINAGE / PLUMBING

100mm half round gutters with 68mm dia downpipes to match colour and profile of existing and connected to existing drainage system. (or soakaway as noted on drawings) Soil vent pipe to terminate with Vent Terminal to be fitted at least 200mm above any opening within 3 metres. SVR to be cast iron.

Both, shower and sink to have 38mm diameter waste pipe. Bath to have 32mm diameter waste pipe. All sanitary appliances to have deep sealed traps. All pipes to have rodding eyes at change of direction.

100mm diameter uPVC pipes to BS 4660, jointed according to manufacturer's instructions, laid in narrow trenches 150mm wider than pipe either side, on 200mm granular material, 150mm deep on firm base, with 100mm bedding over and back fill in layers to fall 1 in 60.

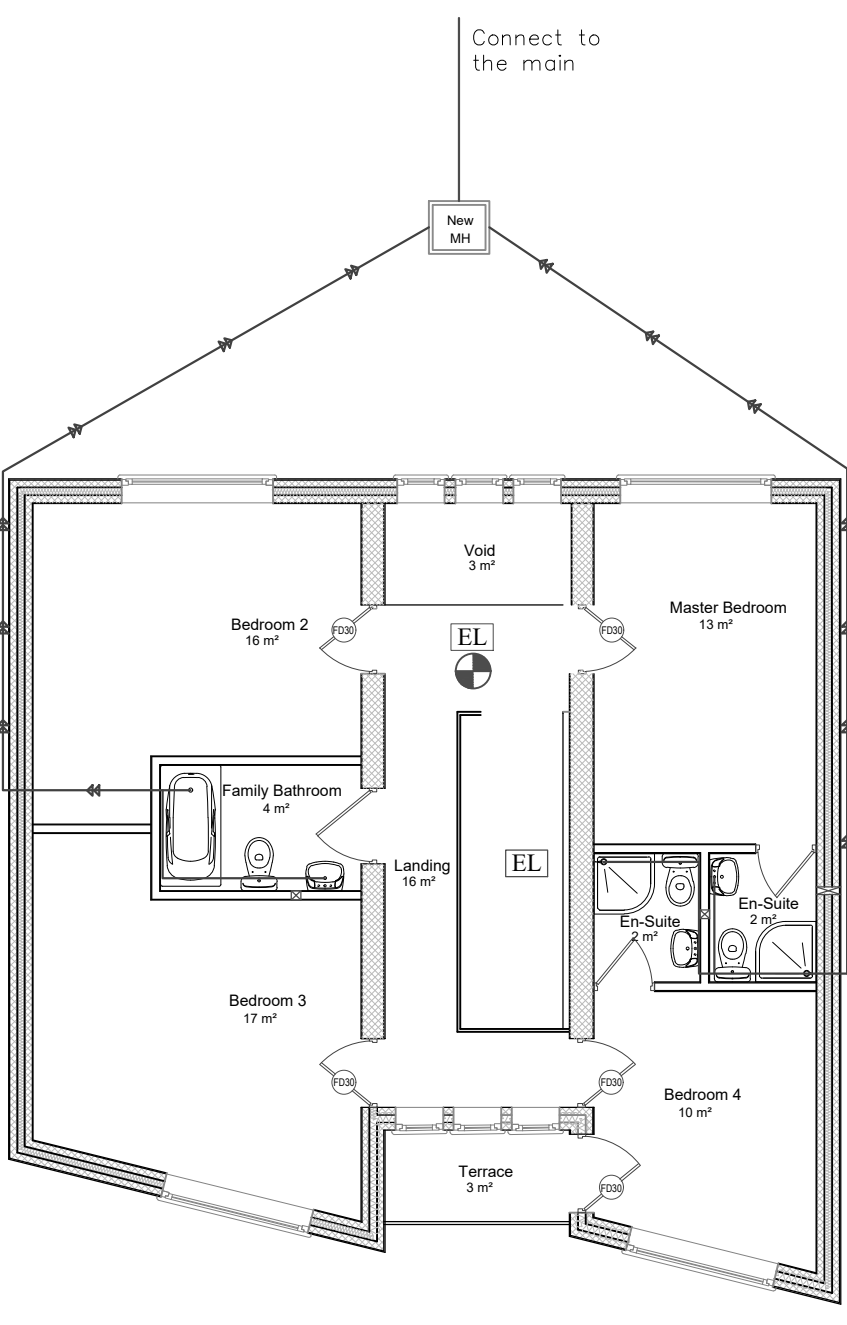
Inspection chambers and covers, seal cover is required over an open channel type manhole inside a building. Inspection chambers are required at each change of direction and gradient.) Pipes through walls / foundations to have 50mm air gap over and have relieving arch or pre stressed lintel over.

Gullies to be uPVC 100mm diameter outlet and back inlet. Hopper with 150mm PVC grating. Soakaway to be located 5000mm away from all buildings. 900 x 900 x 900mm deep back filled to 600mm depth with dry brick or stone topped with graded material and soil. Tested on completion.

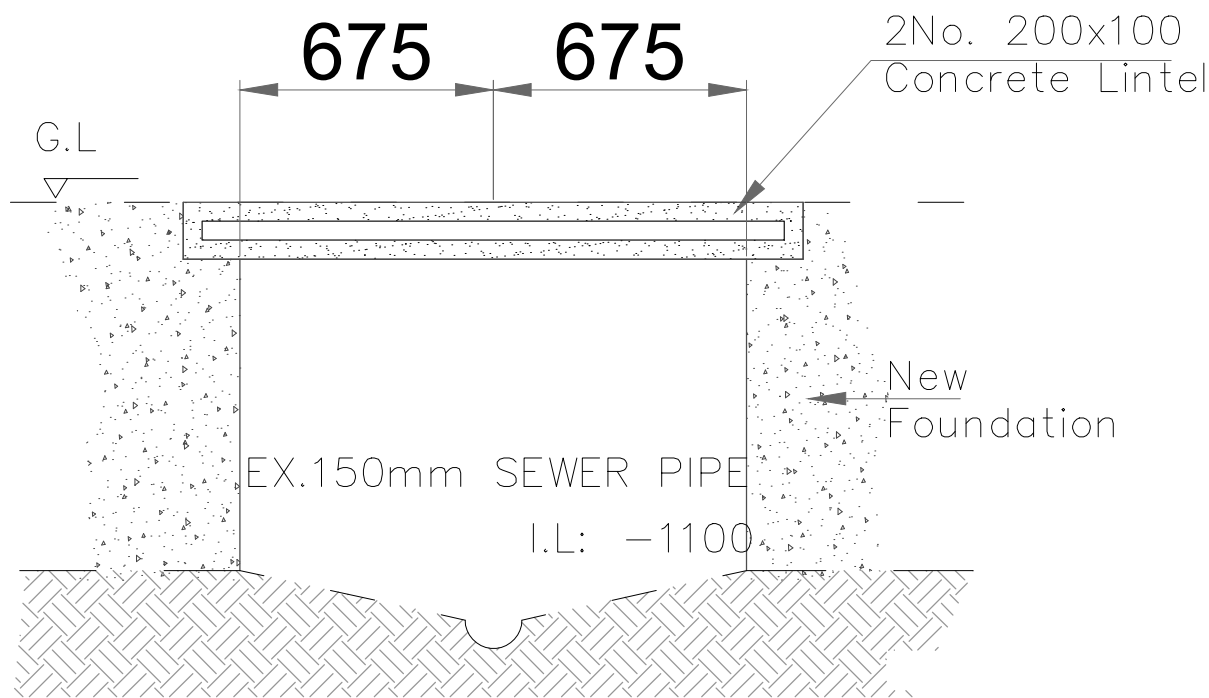
Specifications for approved build over agreements – Sewers up to 160mm in diameter

These are our general guidelines when building within three metres or over a public sewer that is up to 160mm in diameter.

1. All new works must be done in like for like materials and comply with the requirements of the latest version of 'Sewers for Adoption', in conjunction with Protocol on Design and Construction of Adoption of Sewers in England and Wales.
2. This consent is subject to any conditions that may be imposed through the Building Regulations process.
3. New dwellings are not permitted to be constructed over the public sewer.
4. Your proposed works must not transmit any additional loads to the sewer.
5. Prior to work starting on your site, it is your responsibility to check and verify the position of the public sewer and the depth of the bottom of the pipe.
6. Any sewers that are up to 1.1 metres deep, from ground level to invert, must run a minimum of 150mm away from the foundations.
7. Any sewers where the bottom of the pipe is more than 1.1 metres below ground level must run at least 500mm away from the foundations. If it is more than 2.0 metres below finished ground level, any proposed foundations must be at least 1.0 metre from the sewer.
8. All surveys carried out will be at the householder's expense.
9. Any piled foundations are subject to our approval and will require additional surveys to be carried out. They must be constructed a minimum of twice the pile diameter or 1.5 metres (whichever is greater) from the outside of the pile to the outside of the sewer.
10. We will not allow driven piles within 15 metres of a public sewer.
11. Manholes on the public sewer must not be built over or located inside proposed structures, even with new double-sealed bolt down covers.
12. Where the public sewer is up to 1.1 metres deep, no structure must be built in contact with the public sewer manhole, and must be a minimum of 150mm from the outside of the chamber wall.
13. Where the public sewer is more than 1.1 metres deep, no structure must be built within 500mm of the public manhole.
14. New connections on our existing sewer network must be constructed in like for like materials and should be via a manhole or a pre-formed junction. Saddle connections are not permitted on these sewers.
15. Connections into manholes must be made with soffit to soffit and must enter with the flow.
16. We will not accept the public sewer being continuously built over for four or more properties in a row, without a suitable external manhole being available for operational access.
17. New manholes on our existing sewer network must be constructed in like for like materials and in line with the requirements of the latest version of 'Sewers for Adoption'.
18. Please note that sewers of this type are occasionally found to have minor defects such as misaligned joints (often since new) or hairline cracking. In such cases, we would accept the sewer as being in a serviceable condition.
19. We will only allow new plastic pipes and manholes where the existing sewers are constructed in plastic. All new plastic pipes constructed must be British Standards kite marked to BS EN 13476.

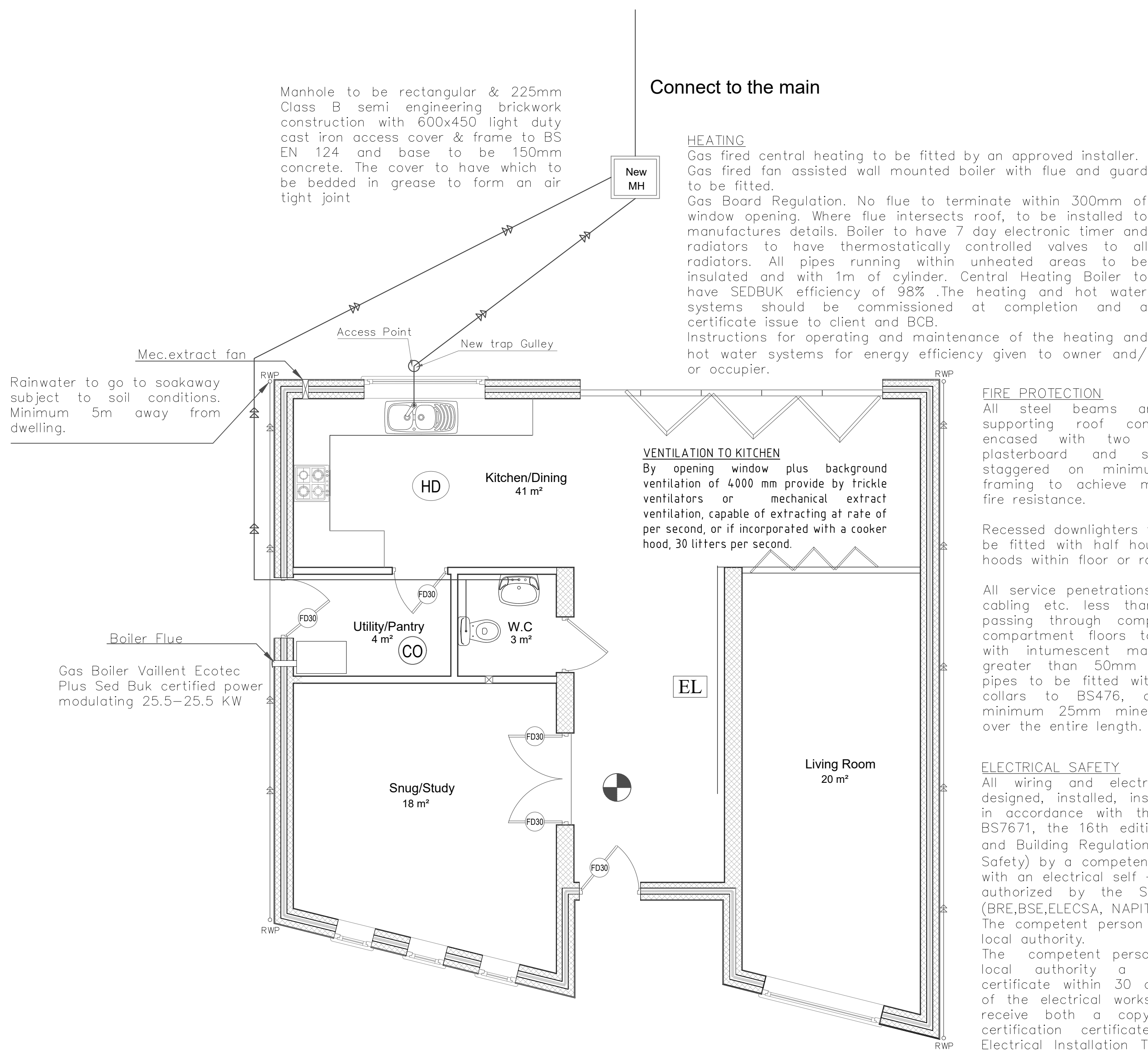


PROPOSED FIRST FLOOR DRAINAGE LAYOUT



BRIDGE DETAIL

Diameter of pipe must be no larger than 160mm. Granular surround must be no less than 150mm around the pipe. No loadings placed on top of the pipe from the proposed dwellings –for example, a lintel has been used in this case. Pipe to be at least 500mm away from parallel foundations. Pipe to be at least 150mm above the bottom of the foundations. Top of pipe to be at least 300mm from underside of floor slab



**PROPOSED GROUND FLOOR
FIRE REGULATION & DRAINAGE LAYOUT**

Smoke and Heat detector:

Fire Brigade approved. Smoke detectors to be fitted at each level and wired to a separately fused circuit at distribution board to BS:5446,Part 1 2004, to IEE Wiring Regulation and to Manufacture's recommendations. Heat detectors to be fitted kitchens inter linked to smoke detection system. Occupiers to receive manufacture's instructions concerning operation and maintenance.



Smoke detector

Positions are marked on the Drawings. Sensor to be sited a minimum of 300mm from any wall and light fitting. Mians connected, interlinked and battery back up.All in accordance with Building Regulations and relevant British Standards.



Fire resisting door – 30 Minute Integrity



Heat detector:

Positions are marked on the Drawings. Sensor to be sited a minimum of 300mm from any wall and light fitting. Mians connected, interlinked and battery back up.All in accordance with Building Regulations and relevant British Standards.

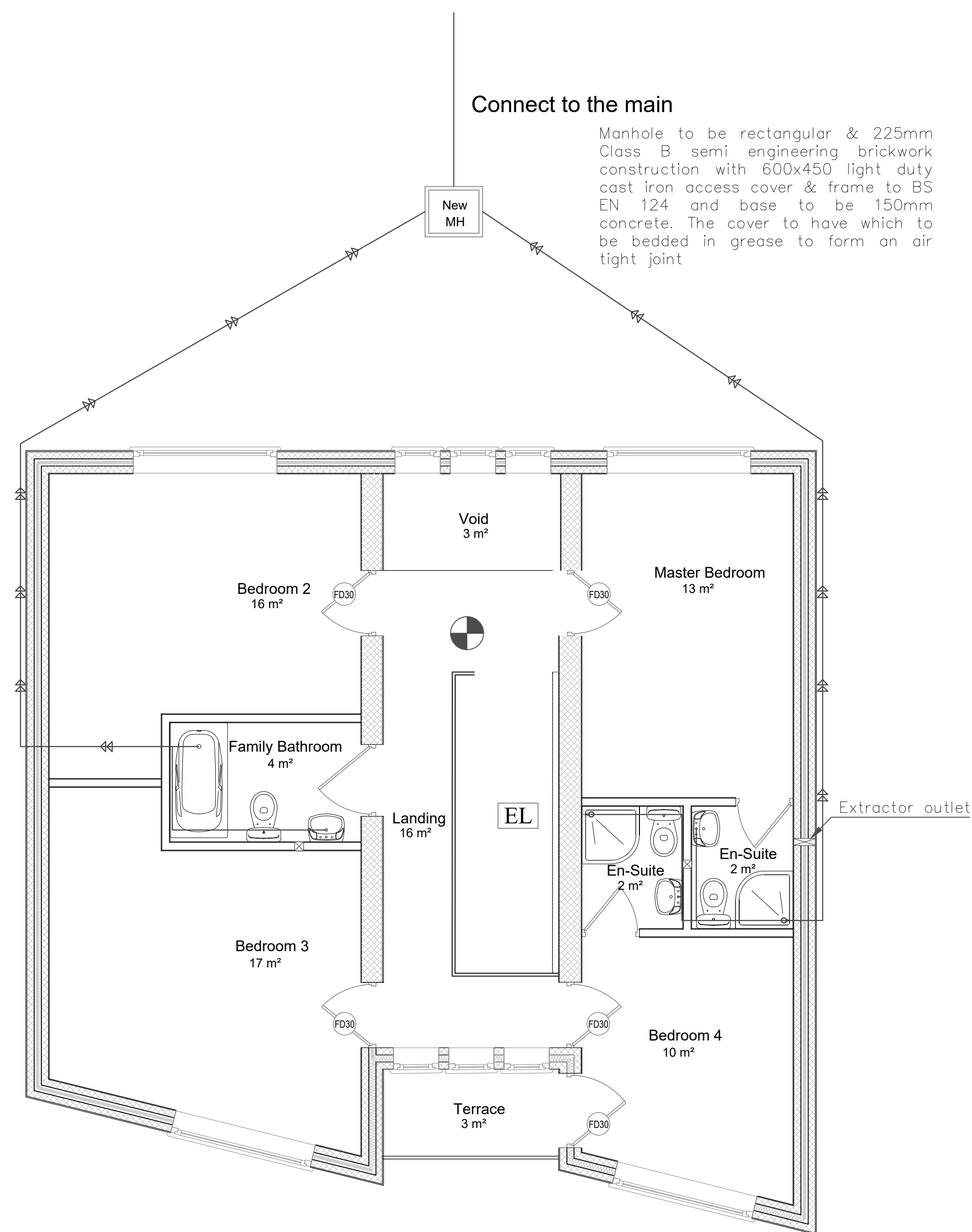


Emergency Light

Positions are marked on the Drawings. To BS:5266 Part 1 1988, to be approved to all common staircase routes in case the mains supply fails(including staircase and corridors). Lighting to escape stairs to be on a separate circuit from that supplying any other part of the escape route.



Carbon Monoxide alarm in every room containing a solid fuel burning appliance. carbon monoxide alarms should be positioned at head height, either on a wall or shelf, approximately 1 to 3 meters away from a potential source of carbon monoxide



**PROPOSED FIRST FLOOR
FIRE REGULATION & DRAINAGE LAYOUT**

DRAINAGE / PLUMBING

100mm half round gutters with 68mm dia downpipes to match colour and profile of existing and connected to existing drainage system. (or soakaway as noted on drawings) Soil vent pipe to terminate with Vent Terminal to be fitted at least 900mm above any opening within 3 metres. SVP to be cast iron.

Bath, shower and sink to have 38mm diameter waste pipe. Basin to have 32mm diameter waste pipe. All sanitary appliances to have deep sealed traps. All pipes to have rodding eyes at change of direction.

100mm diameter uPVC pipes to BS 4660, jointed according to manufacturer's instructions, laid in narrow trenches 150mm wider than pipe either side, on 510mm granular material, 150mm deep on firm base, with 100mm bedding over and back fill in layers to fall 1 in 60.

Inspection chambers and covers. seal cover is required over an open channel type manhole inside a building. Inspection chambers are required at each change of direction and gradient.) Pipes through walls / foundations to have 50mm air gap over and have relieving arch or pre stressed lintel over.

Gulleys to be uPVC. 100mm diameter outlet and back inlet. Hopper with 150mm PVC grating. Soakaway to be located 5000mm away from all buildings. 900 x 900 x 900mm deep back filled to 600mm depth with dry brick or stone topped with graded material and soil. Tested on completion.