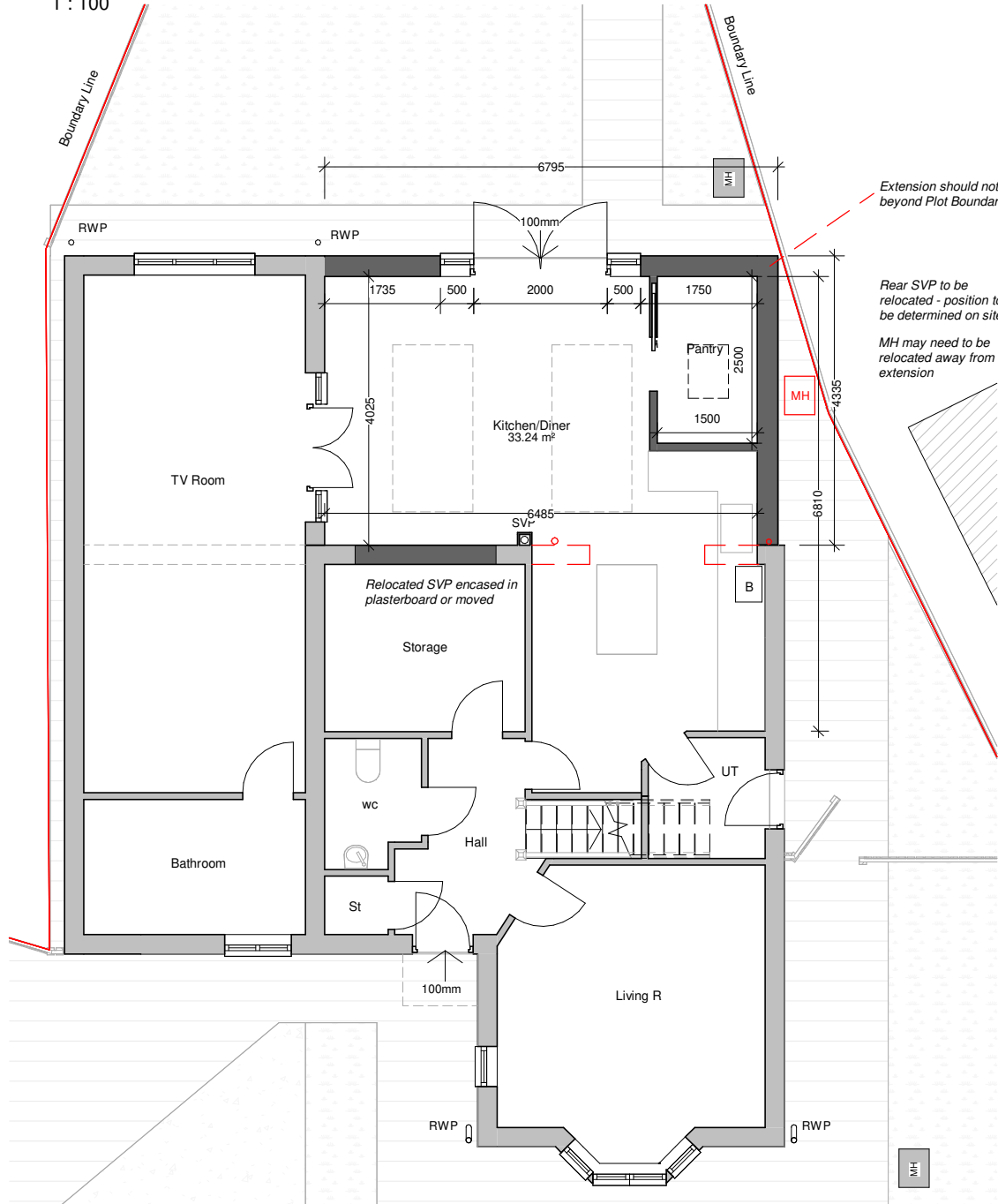


Ground Floor Plan

1 : 100



MEMBRANE PROTECTION: TIMBER SUSPENDED FLOOR

Lay a 1600g (400 micrometre) continuous high performance DPM Hydrocarbon and VOC barrier lapped and sealed at all joints. Puraflex VOC membrane or similar. Seal service penetrations with radon gas proof tape under Concrete Slab linked to cavity trays at the edges. Provide additional protection by underfloor vents on two or more sides of the underfloor space.

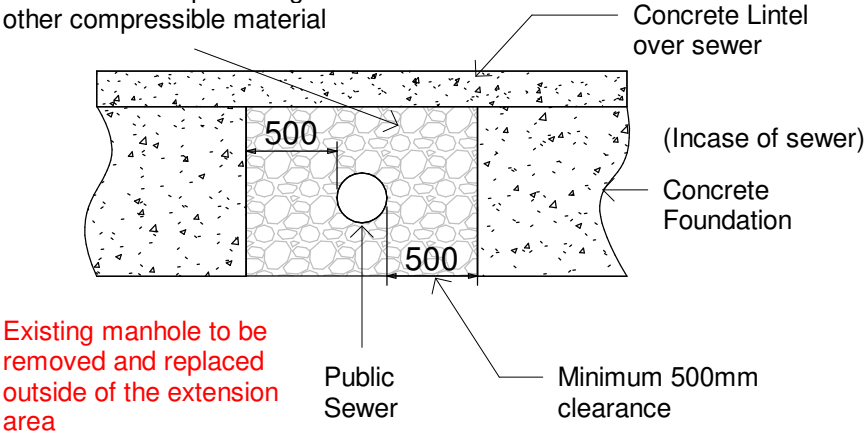
If required by building control, a radon test to be undertaken and if unacceptably high levels of radon are found provide an electrically powered fan to the underfloor. BRE GBG 74

RAINWATER DRAINAGE

New rainwater goods to be new 110mm UPVC half round gutters taken and connected into 68mm dia UPVC downpipes. Rainwater taken to existing combined sewer va UPVC pipes surrounded in 150mm granular fill.

Drainage - Build Over Detail

The pipe must be encased in at least 150mm of pea shingle or other compressible material



INSPECTION CHAMBERS

Underground quality proprietary UPVC 450mm diameter inspection chambers to be provided at all changes of level, direction, connections and every 45m in straight runs. Inspection chambers to have bolt down double sealed covers in buildings and be adequate for vehicle loads in driveways.

ABOVE GROUND DRAINAGE

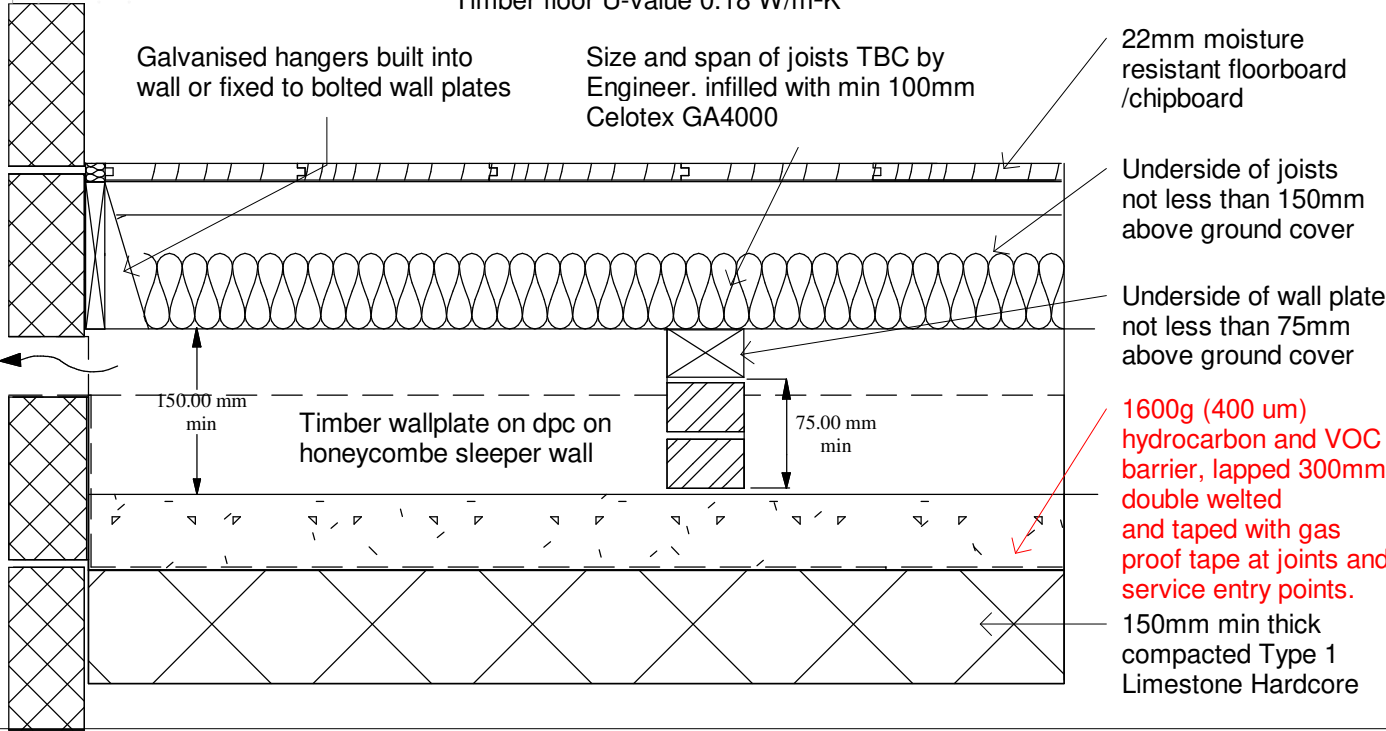
All new above ground drainage and plumbing to comply with BS EN 12056-2:2000 for sanitary pipework. All drainage to be in accordance with Part H of the Building Regulations. Wastes to have 75mm deep anti vac bottle traps and rodding eyes to be provided at changes of direction. Size of wastes pipes and max length of branch connections (if max length is exceeded then anti vacuum traps to be used) Wash basin - 1.7m for 32mm pipe 3m for 40mm pipe Bath/shower - 3m for 40mm pipe 4m for 50mm pipe W/c - 6m for 100mm pipe for single WC All branch pipes to connect to 110mm soil and vent pipe terminating min 900mm above any openings within 3m. Or to 110mm upvc soil pipe with accessible internal air admittance valve complying with BS EN 12380, placed at a height so that the outlet is above the trap of the highest fitting. Waste pipes not to connect on to SVP within 200mm of the WC connection. Supply hot and cold water to all fittings as appropriate.

PIPEWORK THROUGH WALLS

Where new pipework passes through external walls form rocker joints either side wall face of max length 600mm with flexible joints with short length of pipe bedded in wall. Alternatively provide 75mm deep pre-cast concrete plank lintels over drain to form opening in wall to give 50mm space all round pipe: mask opening both sides with rigid sheet material and compressible sealant to prevent entry of fill or vermin

TIMBER SUSPENDED FLOOR

Timber floor U-value 0.18 W/m²K



PROGRAMME:

REVISION NOTES:

REV: | DATE: | DESCRIPTION:

GENERAL NOTES:

1. All Dimensions are in millimetres unless otherwise stated
2. All work to be carried out in accordance with current building regulations and all relevant british standards/codes of practice.
3. The Contractor is responsible for the correct setting out of the works on site, all dimensions to be checked prior to fabrication of materials and commencement of works.
4. This Drawing is to be read in conjunction with all relevant drawings and specifications
5. Exact SVP and Boiler position to be determined onsite by contractor
6. A 'macerator toilet' would be required for a certain designs if the toilet location is away from existing SVP
7. Steels imbedded into ceiling may be charged additionally by your contractor
8. All proposed materials are to be similar in appearance to that of the existing house, unless otherwise
9. Skylights must not protrude past the roof slope by more than 150mm
10. Glazing which exceeds 25% of the added floor area will result in extra charges for S.A.P Calculations
11. Load-bearing partitions and/or posts are shown in an approximate position. Exact position TBC by structural engineer prior to construction.



CLIENT: Martin Power

PROJECT: Infill Rear Extension

3 Imperial Way
Crumpsall, Greater Manchester
M9 8FE

PROJECT ADDRESS: Building Regulations - Ground Floor Services

DRAWING TITLE:

DRAWN BY: LG CHECKED BY: JH

DATE: 22/04/2024 Rev: nolo Rev. DATE:

SCALE@A3: DRAWING No: IW-R00-BR-201.1