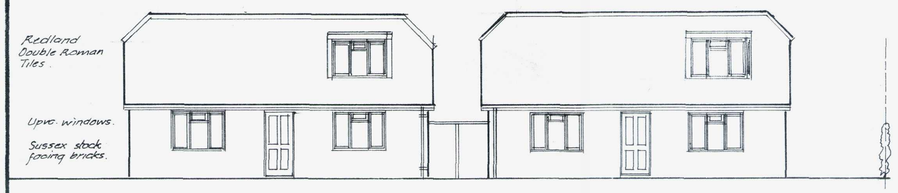


east west



south



north

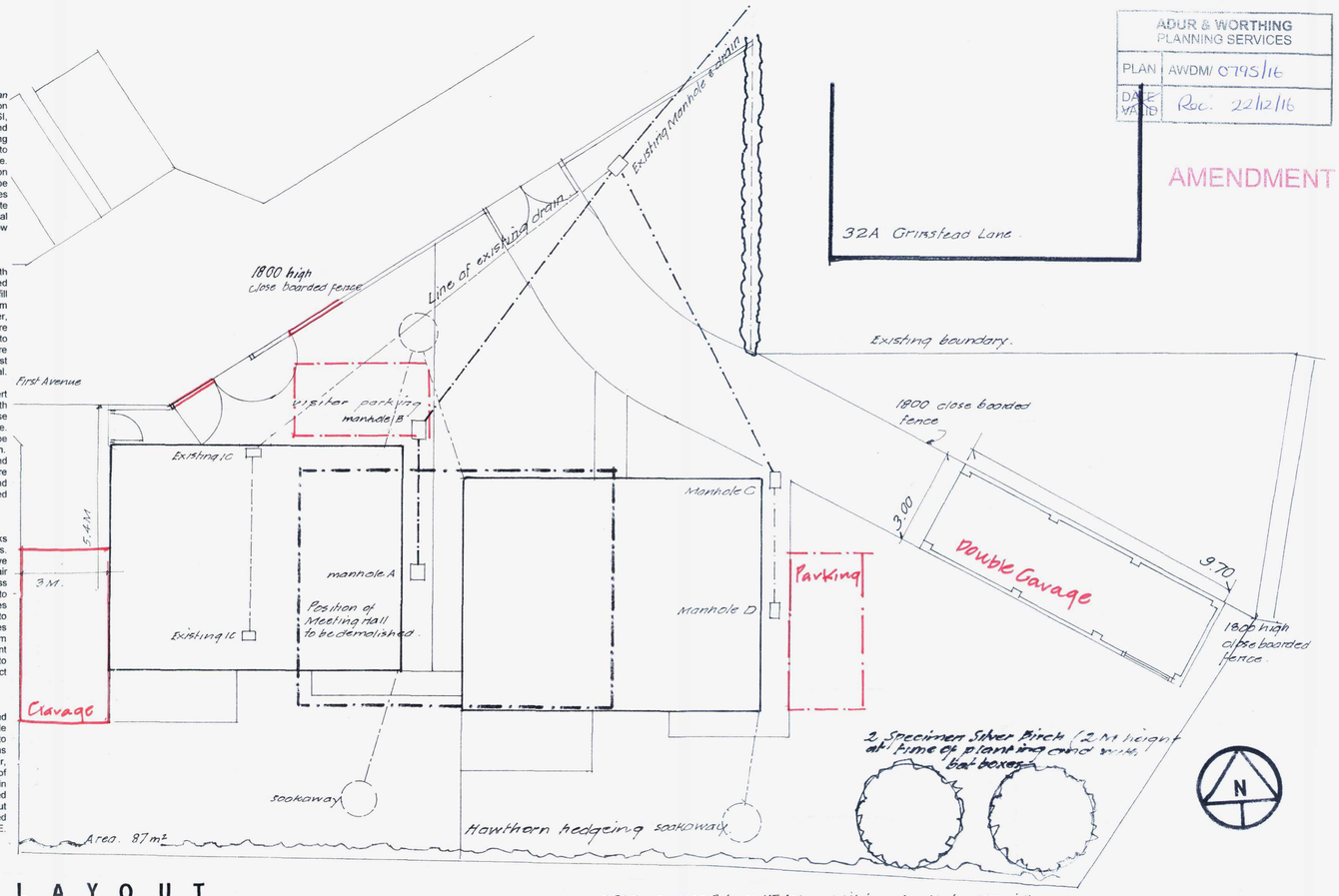
E L E V A T I O N S

ELECTRICAL INSTALLATION:
To be carried out by a contractor registered under an authorised competent person self-certification scheme such as BRE Certification Ltd., BSI, ELECSA Ltd., NICEIC Certification Services Ltd. and Zurich Certification Ltd. Copy of Building Regulations self-certification certificate to be given to client and BCO as a declaration of compliance. Issue appropriate BS.7671 certification to client on completion of work. Power socket outlets to be positioned 750mm above floor level, switches 1200mm above floor level. Submit the appropriate BS.7671 electrical Installation Certificate to the Local Authority prior to completion. Energy rating low energy light fittings throughout.

BELOW GROUND DRAINAGE:
New drains to be laid in 110mm uPVC drains with ring seal joints laid on a min 50mm pea gravel bed and 150mm granular side fill with 100mm back fill cover in, as dug, material. Where less than 900mm cover provide a 100mm thick concrete raft over, 100mm above pipe for full width of trench. Where laid under building surround and back fill up to underside of floor slab to maintain flexibility. Where passing below walls bridge over with pre-cast concrete lintels and surround with flexible material. All drains to be tested on completion.
New inspection chambers max 900mm depth invert in pre-formed Hepworth 450mm dia uPVC unit with 150mm concrete surround and set preformed base with channels on a 150mm deep concrete base. Medium duty steel covers and any internal to be double sealed bolted with recessed lid for floor finish. All existing drains reused to be fully investigated and levels taken prior to commencement to ensure suitability to take additional flow, refurbish as found necessary. Properly seal off or remove any disused drains.

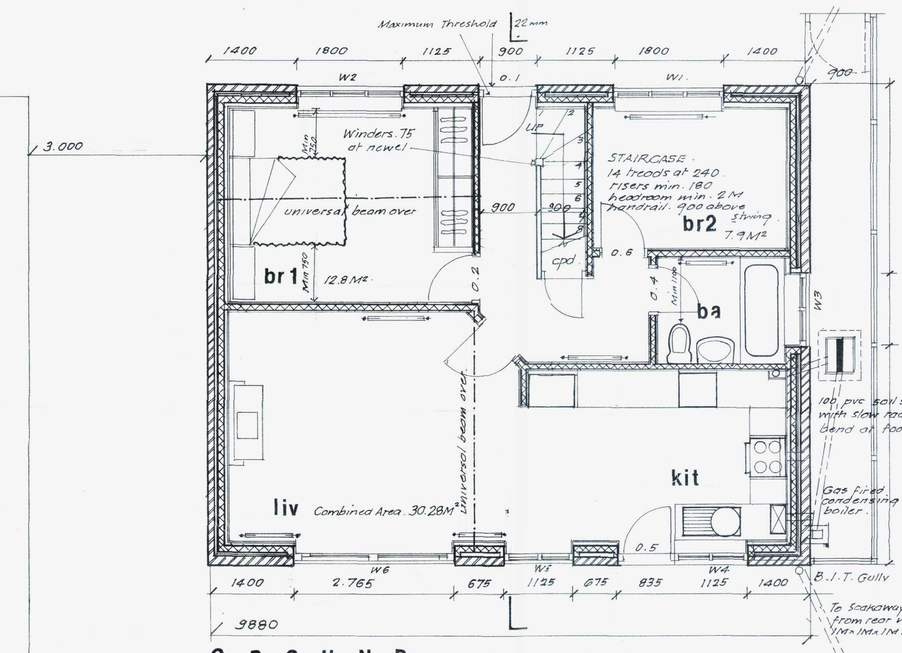
ABOVE GROUND DRAINAGE:
Above ground 110mm uPVC SVP and stub stacks with large radius bends to bases and rodding access. SVP terminating with cage, min 900mm above opening window within 3000mm. Stub stack with air admittance valve to have vented boxing and access panel. All appliances with uPVC waste branches to have min 75mm deep seal traps, diameter sizes 40mm for baths and showers, 32mm for whbs up to 1700mm length, 40mm thereafter, combined wastes in 50mm dia trunk, 50mm dia vertical waste from bath with AAV to head internally, permanent ventilation to any encasement, discharge into existing gulley branch and to manhold. Reconnect existing wastes to soil vent stack.

VENTILATION:
Provide min 8000mm² background ventilation and min 5% floor area rapid vent opening to habitable rooms, min 4000mm² background ventilation to bathroom on external walls. Mechanical extract fans as indicated with high level ductwork to external air, weathering slate/collar or tile vent terminal to roof terminals. Bathrooms/shower rooms to have min 30litres/sec extract with min 15 minute overrun linked to light switches where no windows and undercut doors by 10mm, separate transformers where sited near/ over bath tub or shower to current I.E.E. Regulations.

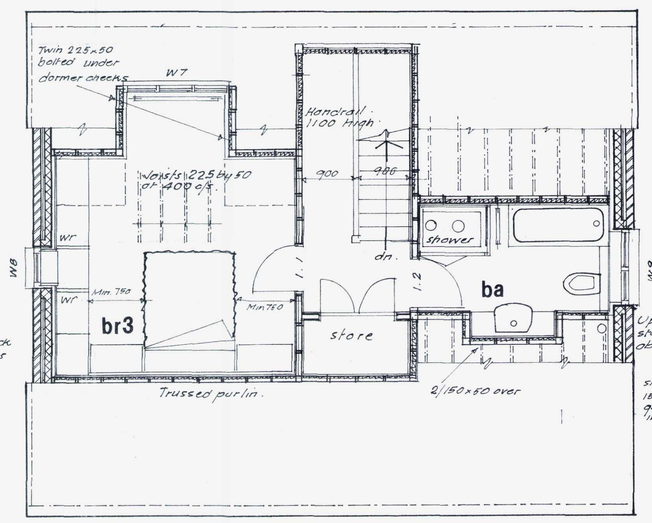


L A Y O U T

scale. 1:100



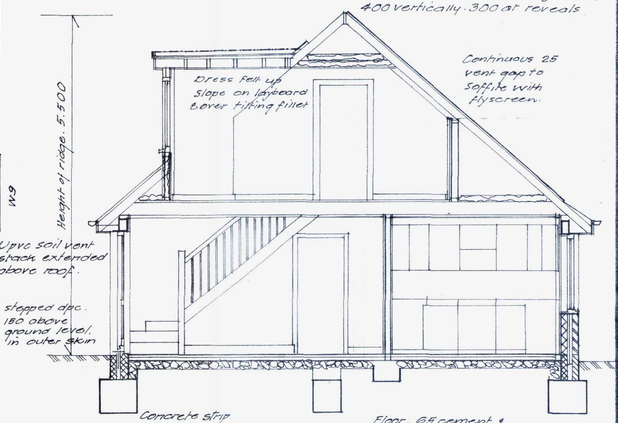
G R O U N D overall Floor area 103.26M².



F I R S T

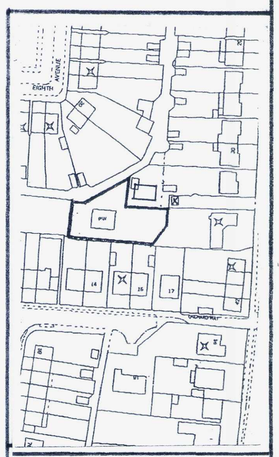
ROOF. Dormer 2 layer HT felt on 18m exterior quality ply on Celotex GA 3075Z, 110 thick, on 12 ply. Firrings and 175 x 50 joists at 400 c/s with ceiling of 12.5 pd and set over vapour barrier. Cheeks 100x50 stud lined externally 12.5 ext quality ply, battens, felt, plain concrete tiles insert 80 celotex GA 3075Z & line internally 12.5 pbd & set over vapour barrier.

Within roof voids lay 100 quilt between joists & 100 over. To shellings insert 80 celotex GA 3090Z between rafters and additional 65 Celotex beneath. FLOOR. 225 x 50 joists at 400 c/s & 25 boarding WALLS. Facing brick, outer skin, 75 cavity 25 celotex insulation 100 Thermalite Shield blocks. 50 Gyproc Thermalinc & plaster. Wall ties. 750 intervals horizontally 400 vertically. 300 at reveals.



S E C T I O N

scale. 1:50



ADUR & WORTHING PLANNING SERVICES
PLAN AWDM/0795/16
DATE VALID Rec. 22/12/16

AMENDMENT

Brethren's Meeting Hall
off First Avenue
Lancing
West Sussex

Drawing No. 11,474 | A1

Scale: 1:50; 1:100

August 2010

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