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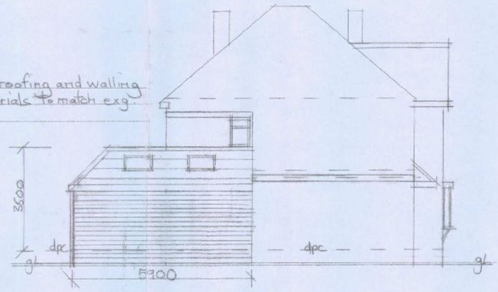
HAVANT BOROUGH COUNCIL
15 JUL 2010
RECEIVED

New electrical installation to be carried out in accordance with requirements of parts P1 and P2 of Schedule 1 of B Regs 2000 as amended. An elect installation certificate to BS 7671 2008 to be provided to Council prior to completion of works by Registered Electrician. Internal lighting to extension to have min no of low energy fittings (Lamp Luminous efficiency > 40 lumens per circuit watt) to be one per 25m² of floor area or one per four fixed fittings whichever is the greater.
If external lighting installed, low energy fittings to be used or lamp capacity not to excede 150W with automatic switch off when not required ie when sufficient daylight or person detected.

New UPVC windows and doors to be double glazed and provide opening area min 1/20th of floor area and have background ventilation via trickle vents of 8000mm². All glass to be Pilkington K glass. Glazing to conform to BS 6206. All new windows and doors to have max U-Value of 1.8 W/m²k. Allowable glazing area to be max 25% of floor area.
New external door to have max U-Value of 2.2 W/m²K if >50% glazed. All glass to doors and windows within 1500mm of floor level to be safety glass to BS 6206 1981



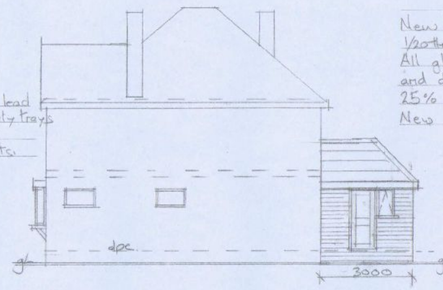
NORTH WEST (FRONT)



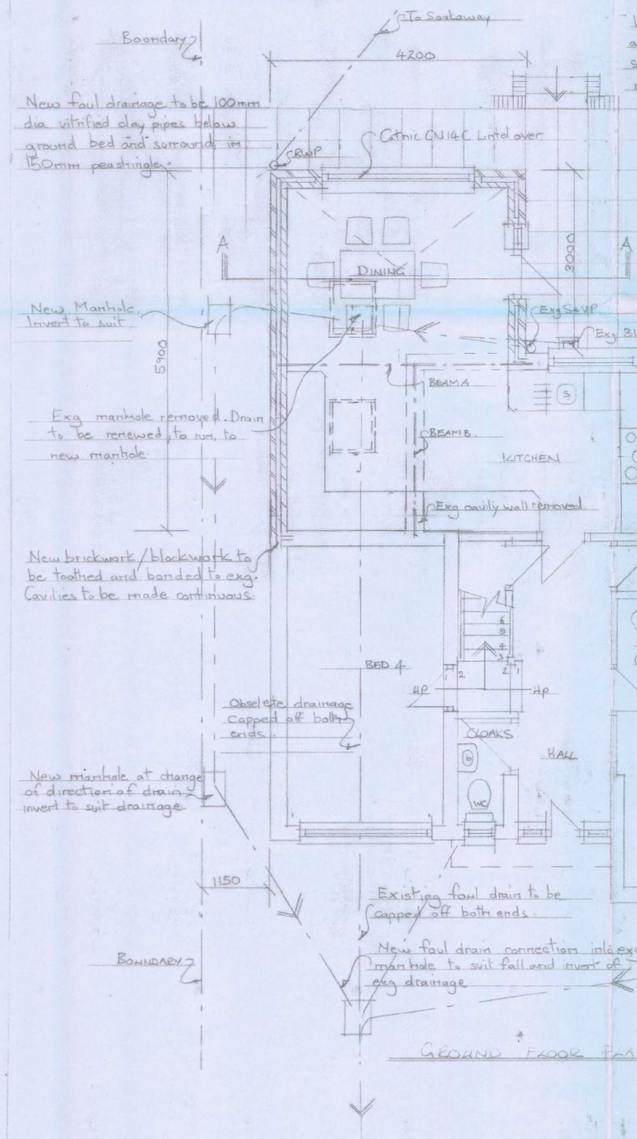
NORTH EAST (SIDE) ELEV



SOUTH EAST (REAR) ELEV

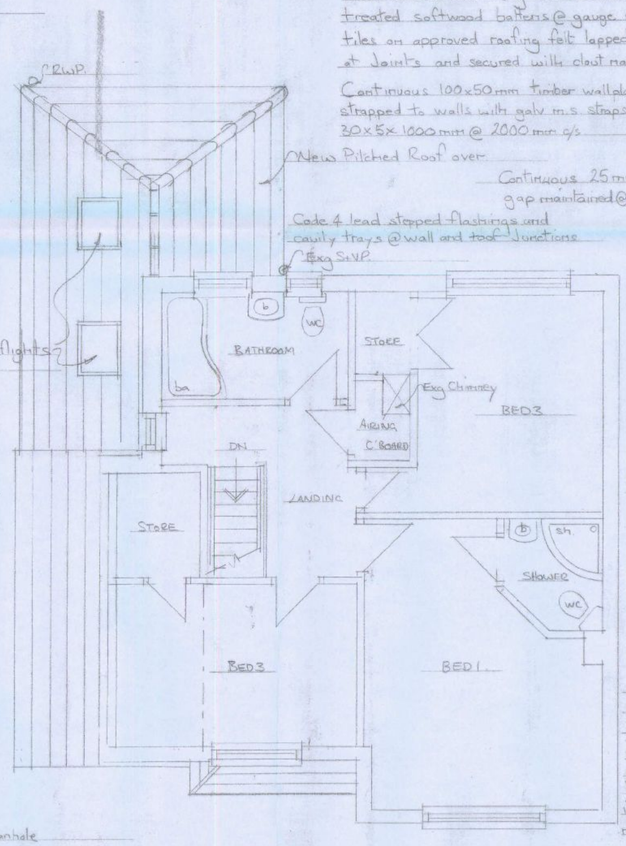


SOUTH WEST (SIDE) ELEV



GROUND FLOOR PLAN

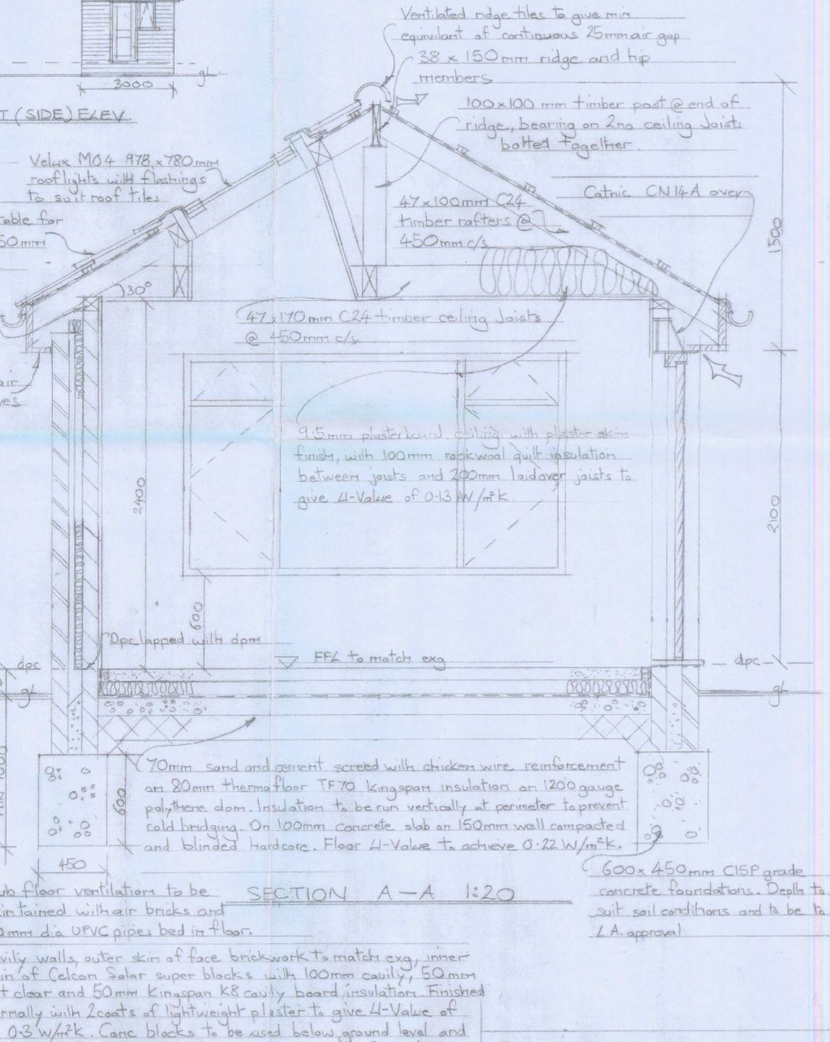
100mm dia vitrified clay stormwater drain, bed and surround in 150mm peashingle to discharge into soakaway min 5000mm from building with a min capacity of 1000mm³.



FIRST FLOOR PLAN

Plumbing to Kitchen to comply with BS 5572. Rodding access to be provided at all changes of direction of plumbing and drainage. New wastes to discharge into existing B.I.G. Where drain passes through walls and foundations conc lintels to be used to bridge over. Kitchen to have mech extract to give min 60 litres/sec.

Top of Cavity walls sealed with Non Combustable material.
Roof tiles to match exg on 38x25mm treated softwood battens @ gauge suitable for tiles on approved roofing felt lapped 150mm at Joints and secured with clout nails
Continuous 100x50mm timber wallplate strapped to walls with galv m.s straps 30x5x1000mm @ 2000mm c/s
New Pitched Roof over
Continuous 25mm air gap maintained @ eaves
Code 4 lead stepped flashings and cavity trays @ wall and roof Junctions
Exg S+VP
Velux M04 978x780mm rooflights with flashings to suit roof tiles



SECTION A—A 1:20

Sub floor ventilations to be maintained with air bricks and 100mm dia UPVC pipes bed in floor.

Cavity walls, outer skin of face brickwork to match exg, inner skin of Celcon Solar super blocks with 100mm cavity, 50mm left clear and 50mm Kingspan K8 cavity board insulation. Finished internally with 2 coats of lightweight plaster to give U-Value of min 0.3 W/m²k. Conc blocks to be used below ground level and cavity to be filled to within 75mm of Ground level. Cavity to be maintained min 150mm below dpc.
All new brickwork/blockwork to be toothed and bonded to exg and cavities made continuous. Cavities to be 100mm, wall ties of suitable type to be built in @ 450mm c/s vertically and horizontally, spacing halved around openings.
All doors and windows openings to be supported with Catnic Lintels of appropriate size, profile and section with min 150mm bearing both ends. Vert dpc's at all openings.

PROPOSED GROUND FLOOR REAR EXTENSION
31 BROADLANDS AV WATERLOOVILLE

PLANS, SECTION AND ELEVATIONS.

Scale: 1:50, 1:100	Date: July 10
375/10/01	P Davey CIAT, MCIOB
Revisions	