

Foul Sewage Pumping Installation
 A Pumping Installation suitable for use outside buildings is required to BS EN 752-6. The effluent receiving chamber is to be sufficiently sized to contain 24 hour inflow to allow for disruption of service. The minimum daily discharge of foul drainage to be taken as 500 litres (approx. 150 litres per person per day). Detailed design and installation to be carried out by specialist pump supplier working with contractors specialist drainage installer. Pump controls to be arranged to optimise pump operation. Final location, housing and size of pump to be agreed with client prior to works commencing.

All invert levels shown are approximate and are for guidance purposes only. Final invert levels to be determined after inspection by the contractor.

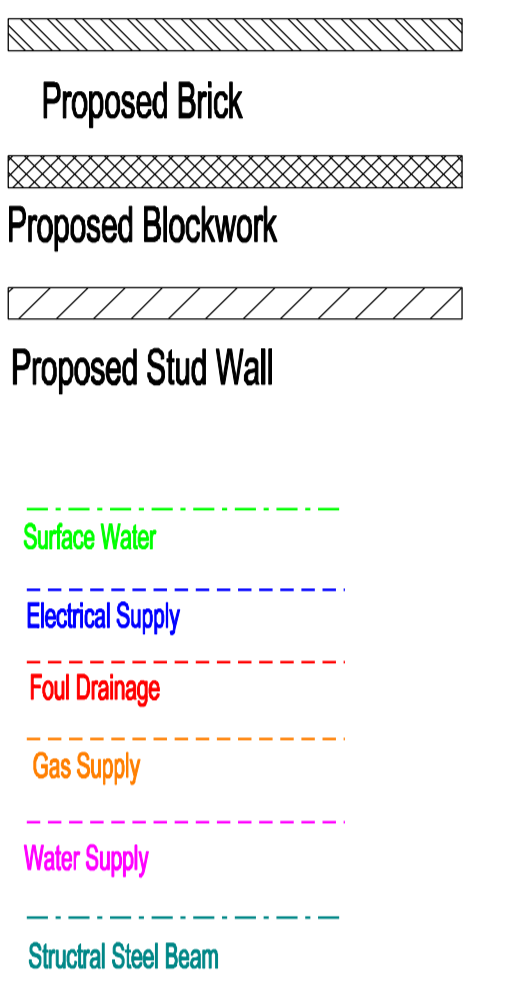
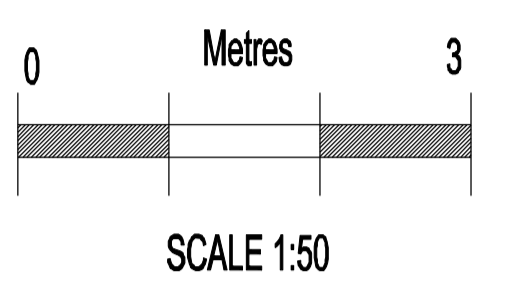
- Emergency Lighting
Fixed emergency lighting is to be provided in accordance with B.S. 5266
- Emergency Exit Signs
Emergency Exit signs are to be provided in accordance with B.S. 5499

Use written dimensions only.

All work to be carried out in a workmanlike manner and comply with building regulations.

All measurements and levels to be checked on site by the contractor before work commences.

For sizes and bearings of beams please see Engineers Report



Rev A 22/10/11 Amendments as requested by Building Control. FD30S Shown. Emergency Lighting and Exit Sign Note Added. Path amended.

MGB/50/01/A

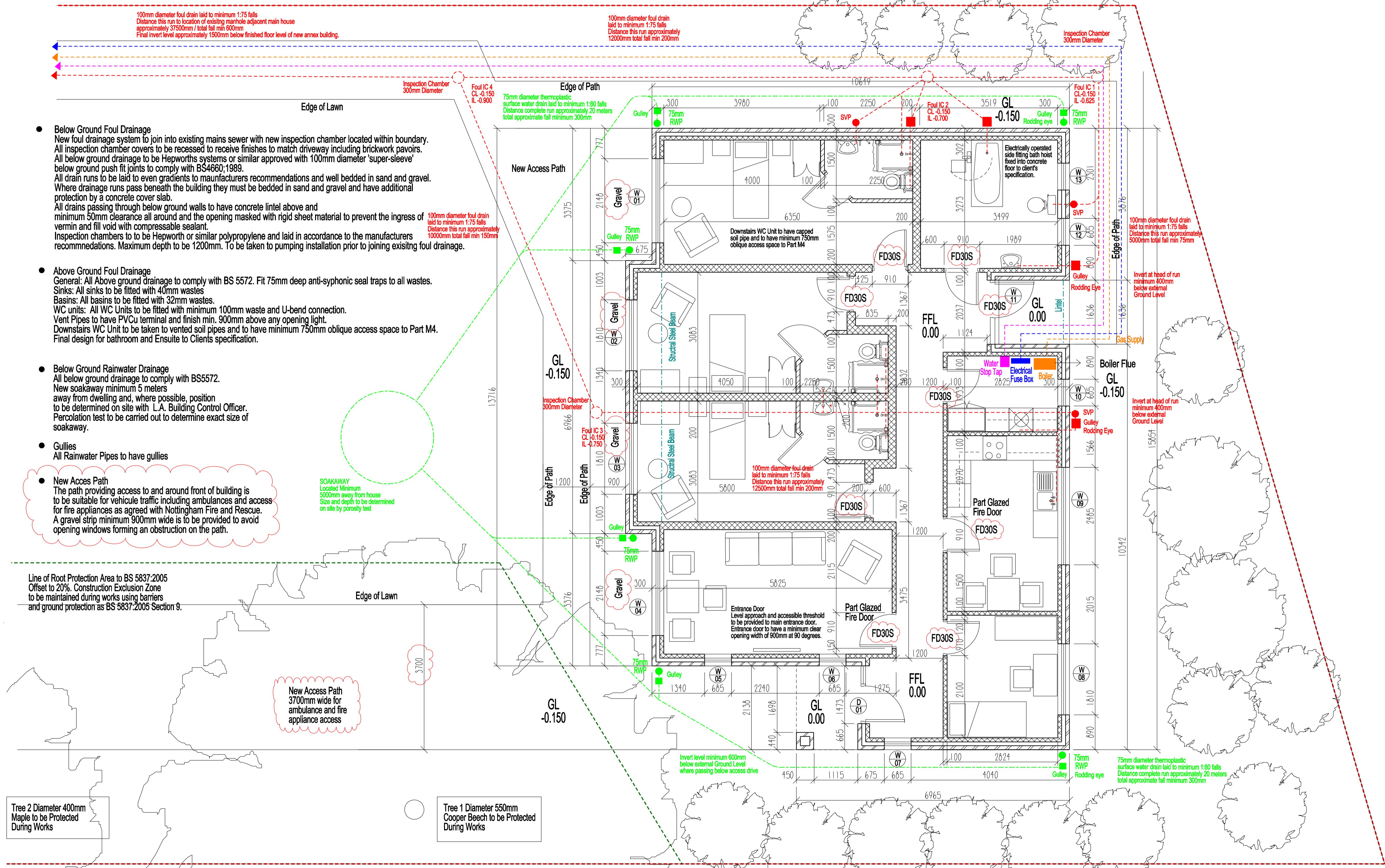
Ash Villa Care Home
 159 Musters Road
 West Bridgford
 NG2 7AF

MGB Care Services Ltd
 Frenchay House
 49 Melton Road
 West Bridgford
 NG2 7NE

Proposed Plan
 date 10/08/11
 scale 1:50 @ A1

Welham Architects
 52 Normanton Lane
 Keyworth
 Nottingham
 NG12 5HA

tel: 0115 846 1732
 welhamarchitects@ntlworld.com



- Below Ground Foul Drainage**
 New foul drainage system to join into existing mains sewer with new inspection chamber located within boundary. All inspection chamber covers to be recessed to receive finishes to match driveway including brickwork pavoids. All below ground drainage to be Hepworths systems or similar approved with 100mm diameter 'super-sleeve' below ground push fit joints to comply with BS4660:1989. All drain runs to be laid to even gradients to manufacturers recommendations and well bedded in sand and gravel. Where drainage runs pass beneath the building they must be bedded in sand and gravel and have additional protection by a concrete cover slab. All drains passing through below ground walls to have concrete lintel above and minimum 50mm clearance all around and the opening masked with rigid sheet material to prevent the ingress of vermin and fill void with compressible sealant. Inspection chambers to be Hepworth or similar polypropylene and laid in accordance to the manufacturers recommendations. Maximum depth to be 1200mm. To be taken to pumping installation prior to joining existing foul drainage.
- Above Ground Foul Drainage**
 General: All Above ground drainage to comply with BS 5572. Fit 75mm deep anti-syphonic seal traps to all wastes. Sinks: All sinks to be fitted with 40mm wastes. Basins: All basins to be fitted with 32mm wastes. WC units: All WC Units to be fitted with minimum 100mm waste and U-bend connection. Vent Pipes to have PVCu terminal and finish min. 900mm above any opening light. Downstairs WC Unit to be taken to vented soil pipes and to have minimum 750mm oblique access space to Part M4. Final design for bathroom and Ensuite to Clients specification.
- Below Ground Rainwater Drainage**
 All below ground drainage to comply with BS5572. New soakaway minimum 5 meters away from dwelling and, where possible, position to be determined on site with L.A. Building Control Officer. Percolation test to be carried out to determine exact size of soakaway.
- Gullies**
 All Rainwater Pipes to have gullies

New Access Path
 The path providing access to and around front of building is to be suitable for vehicular traffic including ambulances and access for fire appliances as agreed with Nottingham Fire and Rescue. A gravel strip minimum 900mm wide is to be provided to avoid opening windows forming an obstruction on the path.

SOAKAWAY
 Located Minimum 5000mm away from house
 Size and depth to be determined on site by porosity test

Line of Root Protection Area to BS 5837:2005
 Offset to 20%. Construction Exclusion Zone to be maintained during works using barriers and ground protection as BS 5837:2005 Section 9.

New Access Path
 3700mm wide for ambulance and fire appliance access

Tree 2 Diameter 400mm
 Maple to be Protected During Works

Tree 1 Diameter 550mm
 Cooper Beech to be Protected During Works

Foundation Design
 Due to nearby mature tree Structural Engineer to confirm size and depth of foundation and provide details of heave precautions to trench foundations within affected area. To be minimum as recommended by N-HBC Technical Standard 4.2 Building Near Trees