



SECTION B B

EXTERNAL WALLS
102mm face brickwork to outer leaf, 100mm cavity with 100mm Dritherm insulation, 100mm Thermalite block inner leaf
13mm cement/sand backing & 2 coat Thistle multi finish plaster
Stainless steel butterfly wall ties to BS1243, spaced every 900mm horizontally & 450mm vertically, doubled up at openings & staggered to suit

HEATING
New thermostatic controlled radiator to be fitted to shower room, radiators to be connected to existing heating system, radiator sizes to be calculated for room.
Hot water to be supplied via existing boiler

Electrical
All electrical work to meet the requirements of Part P (Electrical Safety) to be designed, installed, inspected and tested by persons competent to do so
Electrical Certificate to BS7671 to be issued on completion

VENTILATION
(all mechanical ventilation to external air)
Shower room mechanical extract fan 15 litres/sec with 15 mins over-run controlled from light switch
10mm gap to underside of door
Background ventilation via trickle vents to windows 4000mm
Kitchen to be vented via existing cooker hood

DRAINAGE
110mm dia Osma Drain pvc-u drainage to BS 4660: 1989 laid strictly in accordance with manufacturers instructions to max fall 1:40 on and surrounded with 100mm pea s
Manholes Osma Drain universal inspection chambers complete with medium duty steel cover and frame
Drainage to comply with CP301: 1971 below ground and BS5572: 1978 above ground
Building drainage to comply with BS8301
112mm dia pvc-u gutters & 68mm RWP to match existing connected to existing combined drainage system, RWP to discharge below gully grating
50mm dia pvc-u waste to shower & 32mm dia pvc-u waste to wash basin all with resealing bottle traps
Aco drain to edge of building as shown, to be connected to existing new trapped gully into combined drainage system

FLOOR
75mm cement sand screed reinforced with 20/50 galvanised wire to BS1485:1983 lapped 150mm on 100mm Celotex insulation and 25mm edge insulation
3 coat aquaseal Hypruf DPM to link with DPC

BRICKWORK BELOW GROUND
Common brickwork up to DPC to inner skin and up to 2 course below ground level to outer skin.
Weak mix concrete cavity fill to within two course.
Hyload DPC to BS743 to walls

CONCRETE RAFT
RC 35 concrete reinforced raft, min 300 x 400mm edge beams, min 150mm thick slab
A193 top mesh, A142 bent Mesh with T12 reinforcement bars
To be constructed as structural engineers details

Safe at Home

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Address 40 Isaacs Road Cobholm Norfolk NR31 0BT	Client	Miss C Walk
	Drawing No	13010/05 A
	Drawn	Reg Cavend
Project Level Access Shower Ramped Access	Checked	
	Scale	1:20
	Date	October 201

Title
Section BB