

foundations min depth 1m trench filled concrete - see plan no 639/6 for details provided by Structural Engineer.

walls masonry A 40mm, 75mm cavity + 100mm 7.3N medium density concrete blocks
 fill cavity with durom 32.
 as above delete insulation
 B 100mm facing bricks, 75mm cavity, 100mm medium dense blocks 7N.
 infill cavity as above - rendered features on blockwork.
 C. partition wall: two skins of 100mm dense concrete blocks and 75mm clear cavity.
 all above walls finished with lightweight plaster.
 D. 100mm facing brick 50mm cavity and 100mm concrete blocks left faced.
 E. 50x100mm stud frames at 600mm c. lined both sides with 15mm Gypvac Soundbloc with skim finish both sides.
 F. 50x100mm stud frames at 600mm c. lined both sides with 12.5mm and skim provide Rockwool I.C.B. cavity cloys where depth 0' extend partition walls through void space and top with mineral wool to provide fire stop.
 general - grade A concrete blocks below ground level.
 wall ties placed at 750mm horizontally, 450mm vertically and 225mm at openings, vee'd to and corners - all terminations and fixings and cavity heads sealed.
 pvc - dpc in all walls min 150mm above finished adjoining ground level.

floors ground - beam and pot by specialist manufacturer - 75mm d.i.s. + 25mm chipboard.
 170mm clear cavity below - ground treated with weed killer and ventilated with upvc insect proof purpose made vents at 1.5m intervals.
 first and second 200mm hollow core concrete beams laid to cover inner skins and partition walls cover concrete beams with floors and ceilings to comply with Robust detail E-FC-1 CT2 and FFF 5
 cycle stores 100mm concrete oversite thickened to 200x450mm under walls - 1200 gauge polythene and 100mm well consolidated approved fill.
 encase sump and M.U. with intumescent collar where passing through floors to adjacent flats and completely surround with 25mm mineral wool within duct.

roof construction to Structural Engineers design.
 dormer windows supported by twin spaced raft members - 50x100 stud frame - lined with roofing felt and exterior quality ply and 2kg lead-lime between stud members with 100mm Celotex and foil backed plasterboard and skim - 25mm gyps laid glass fibre quilt to all ceiling 2nd floor.
 cycle store raft supported with 38x150mm rafters at 400mm c. top of rafters fixed to planted wall plate - type IF roofing 25x38mm battens and concrete slates - weather to brickwork with 2kg lead.
 25x150 fascias, exterior quality ply soffits - insect proof ventilation to soffits equal to 10mm continuous strip.

stairway install precast concrete stairways, 1m wide - 250mm going - 160mm rise with handrail 900mm above pitch line - balustrade 900mm high with balusters spaced with 100mm max openings.

disabled access provide 1.2m level landing in permanent material with path approach min 900mm wide and any gradient max 1:20 - threshold detail in accordance with document L(1) 2002.

elec install all switches and sockets to be sited not lower than 450mm and not higher than 1.2m above floor level.
 all fittings for lighting to be suitable for low energy products.
 all lighting to be efficient in accordance with document L(1) 2002.

part P work to be carried to satisfy BS 7671 with certificate provided on completion.

part L provide three points for lamps having luminous efficiency of greater than 40 lumens per circuit watt.
 external lights provided with night control and automatic extinguisher.

emergency lighting provides lighting to all common areas and internal w.c.s and bathrooms.

alarms install smoke alarm system connected to mains supply with battery back-up installed to BS 5772 and interlinked compatible heat detector in kitchen.

ventilation habitable rooms and kitchens 8000mm³ trickle vents
 kitchens mechanical extractor with 60 litres per sec capacity.
 bathrooms, showers + w.c.s. " " 15 litres per sec capacity.
 and humidistat
 stairway - provide top opening window min 1sqm at second floor landing where shown.

heating gas fired water and space heating with condensing combi boilers SEDBUK rating band A (90% or above) programmable and room thermostats plus boiler interlock - thermostatic radiator valves.

plumbing plumbing to comply with BS 5572

windows upvc double glazed with 16mm cavity (air or argon gas filled) plus low E glass - value 1.8 W/m²K provides means of escape windows to first and second floor bedrooms with clear openings of min 633mm and no dimension less than 450mm.
 ground vent to inward opening double glazed doors to be constructed to withstand lateral thrust of 0.74 kN/m².

glazing all glazing in any doors adjacent within 300mm and less than 1.5m above ground level. any windows within 800mm of the floor to be safety glazed to comply with BS 6206

doors doors marked X shall be 1/2 hour fire s.c. - all doors to be min 800mm wide in the open position

air tightness provide air test permeability test on completion.

drainage foul - single stack drainage to comply with BS 80 2nd series
 100 pvc. soaks and stub stack enclosed in heavy duty ducts with sealed access for cleaning purposes ventilation at top of stub stack duct to provide inlet for air admissible value and placed above sink spill level.
 75mm deep seal trap to baths, showers and basins - resealing trap to traps to kitchen sinks
 100mm pvc pipes to have expansion joints in sockets to BS 4514
 100mm pvc pipes outfall to have Hipped flexible joints on 150mm granular bed and surround.
 place inlets in wall where pipes pass.
 vase height of ex. m.h. no.1 and provide screw down airtight cover - de-commission remaining pipes.
 pvc inspection chambers in entrance hall to be provided with covers as above.
 outfall to ex. m.h. no.2.
 surface - 100mm pvc gullies, 75mm down pipes connected to 75mm pvc pipes on 150mm granular bed and surround with rodding eyes at changing of direction and connected to inter-connected soakways with min 1cu m capacity below invert.

proposed flats
 115 Aldwick Road
 BOGNOR REGIS
 for
 Minor Limited

notes

PLAN NO	639/8
SCALE	-
DATE	08/10

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