

Proposed block plan. 1:500.

FIRE GUIDANCE NOTES

- Fire Doors** Fix Doors to comply with B.S 476: Part 22: 1987
- FD30** FD30 standard fire door, hung on 1 1/2 pairs of steel or brass hinges with a steel or brass latch, to have a positive overhead self closing device which closes the door fully into a 25mm deep rebated frame. An intumescent strip is required in the top rail and stiles of the door or frame. Only one strip required to meeting stiles on double doors.
- FD30S** FD30S standard fire door as above but including a combined intumescent/brush type smoke stop seal in frame. Brushes to be secured in position to prevent accidental removal. (frame and ironmongery as above)
- VP** Vertical vision panel in 6mm georgian wired clear glass approx. 1.2metres x 250mm (max.) wide bedded in intumescent mastic and retained by 10 chamfered screwed hardwood beading with min. cover 15mm.
- Screens** (REQUIRING FIRE RESISTANCE) (1 HR FR ONLY)
- Glazing to be minimum half-hour fire resisting in 6mm thick georgian wired glass bedded in intumescent mastic and retained by 10 chamfered screwed hardwood beading with min. cover 15mm. Opening lights to be fixed shut. Maximum area of individual pane 0.67 sq.m. Mullions/transoms to be min. 56x44mm, rebates out of solid i.e. not planted stops. NOTE: larger areas of glazing are possible with larger breadths or proprietary systems, details to be approved by City Building Surveying & Licensing Division Prior to insulation.
- General: No glazing is allowed below 1.1m above f.f.l. However, where glazing has been agreed as being acceptable at this level or above, then all such glazing must meet the standard of Class 'C' up to 900mm wide and Class 'B' over 900mm wide of B.S. 6206 1981 between finished floor level and 800mm above f.f.l. and above 1500mm above f.f.l. in doors or adjacent side panels within 300mm of edge of door.
- All Glazed screens adjacent to fire doors to be same standard as the door(unless Building Regulations require a higher standard), and comply with Part 'N' Building Regulations, 1991.

General

Store doors need not be self-closing if kept locked shut when not in use. Generally not to open out.

Bedroom Doors **NOT** to be lockable, or to have Social Services approved type fire escape lock **only** (Registered Homes Act premises only).

Cavity barriers to be provided above head of all across corridor doors and be fire/smoke stopped to underside of structural floor over and around any pipes etc.

All furniture, furnishings, beds and bedding, carpets etc. to the satisfaction of the Chief Fire Officer.

All final exit doors to open outward must open over a level threshold or a ramp to comply with the current Building Regulations, Part M.

Easily openable lock from inside **without** recourse to keys and without having to manipulate more than one mechanism. (digital lock systems do not satisfy this requirement)  
To comply with Building Regulations B1 (5:11)

Signs (to comply with B.S. 5499, Part 1, 1990 & 92/58 E.E.C. Directive.)

**FE E** 'FIRE EXIT', 'EXIT', 'FIRE DOOR', 'PUSH BAR TO OPEN' and 'FIRE ACTION' notices to fully comply with B.S.D Information Sheet No. 7.  
**N2 N1** (Your attention is drawn to that information sheet in regard to 'FIRE EXIT' signs and the distinction between providing the 'pictogram' or 'running man' type of sign, if in doubt consult Building Surveying & Licensing Division)

Emergency Lighting

**E** **Self-contained** (non-maintained type)

Emergency lighting unit (minimum 8 watt fluorescent type only)  
3 hours duration connected into the adjacent **local** lighting circuit.  
A conveniently sited test switch facility, suitably indicated, is required to simulate local lighting circuit failure so that normal supply is **not** interrupted during test.

Centralised Battery

Where this type of system is used the system must be fully interlinked to the fire alarm so that operation of that system engages the emergency lighting, (minimum 8 watt fluorescent type)

EMERGENCY LIGHTING SYSTEM TO FULLY COMPLY WITH B.S. 5266: PART 1: 1988 & TO BE CERTIFIED ON COMPLETION BY THE PROVISION OF AN EMERGENCY LIGHTING COMPLETION CERTIFICATE FOR NEW SYSTEMS/EXTENSIONS OR AN EMERGENCY LIGHTING INSPECTION AND TEST CERTIFICATE FOR EXISTING SYSTEM TESTS. YOUR ATTENTION IS DRAWN TO THIS CODE, AND IT IS NECESSARY FOR THE ELECTRICAL DESIGNER / INSTALLATION ENGINEER / ELECTRICAL CONTRACTOR TO ENSURE FULL COMPLIANCE.

Fire Alarm

- DS** Optical type smoke detector connected into fire alarm system.
- DH** Heat detector connected into fire alarm system.
- CD** Break Glass Alarm call point connected into the fire alarm system.

Audibility

Fire alarm audibility to be tested upon completion of works and fitting of carpets, curtains etc.

Signal is to be clearly audible throughout the premises will all the intervening doors closed and background noise at its maximum level. In day occupancy premises the minimum level is 65dB (A) or 5dB (A) above background level whichever is the greater within all rooms and maximum 95dB (A). In sleeping risk premises corridors/stairs/day occupancy rooms must achieve minimum 65dB(A) and maximum 95dB(A), in bedrooms the minimum level is 75dB(A) at the head head.

IN ORDER TO ACHIEVE THE NECESSARY LEVELS IT IS REQUIRED THAT ROOM SOUNDERS, WIRED IN ACCORDANCE WITH THE BRITISH STANDARD, ARE PROVIDED IN ALL AREAS.

SCA

Electro magnet 'hold open' device connected in to Fire Alarm system and to a master time clock to switch magnets off during the silent hours, and have local closure facility and be 'fail safe'

FS

Electro magnet 'free swing' type connected into the fire alarm system. system to be as above.

FIRE ALARM SYSTEM TO FULLY COMPLY WITH B.S. 5839:PART 1:1988 AND TO BE CERTIFIED ON COMPLETION BY THE PROVISION OF A 'FIRE ALARM SYSTEM' INSTALLATION AND COMMISSIONING CERTIFICATE FOR NEW SYSTEMS/EXTENSIONS, OR, ANNUAL INSPECTION CERTIFICATE AVAILABLE FROM THIS DIVISION. YOUR ATTENTION IS DRAWN TO THIS CODE, AND IT IS NECESSARY FOR THE ELECTRICAL DESIGNER / INSTALLATION ENGINEER / ELECTRICAL CONTRACTOR TO ENSURE FULL COMPLIANCE WITH THE CODE.

General Electrical Installation

To fully comply with current I.E.E. Wiring Regulations B.S. 7671: 1992 and be certified on completion by either a 'PERIODIC INSPECTION REPORT FOR AN ELECTRICAL INSTALLATION' for existing systems, or 'MINOR WORKS CERTIFICATE FOR ELECTRICAL INSTALLATION COMPLETION CERTIFICATE' for new works/installations, (all schedules must be included). The form of certificate for the main wiring installation must be that set out for inspection certificates under Appendix 6 of the I.E.E. Wiring Regulations B.S. 7671: 1992 and be signed by a person indicated below:

PERSONS RECOGNISED AS ACCEPTED SIGNATORIES FOR ELECTRICAL CERTIFICATES:

The person signing any form of the electrical certificates must be one of the following:

- (1) A member of the Electrical Contractors Association (ECA)
- (2) A certificate holder of the NICEIC
- (3) An electrical engineer who either:
  - a. A chartered member of the Institute of Electrical Engineers or
  - b. A member or fellow of the Institution of Electrical and Electronics Incorporated Engineers

IN ADDITION FOR FIRE ALARM SYSTEMS ONLY:

- (4) A certified company with ISO 9002, and, or, LPS 1014 accreditation.
- All certificates must give the full name and address of the person who signs it and identify which class of the above he/she is and, where appropriate, their enrolment number.

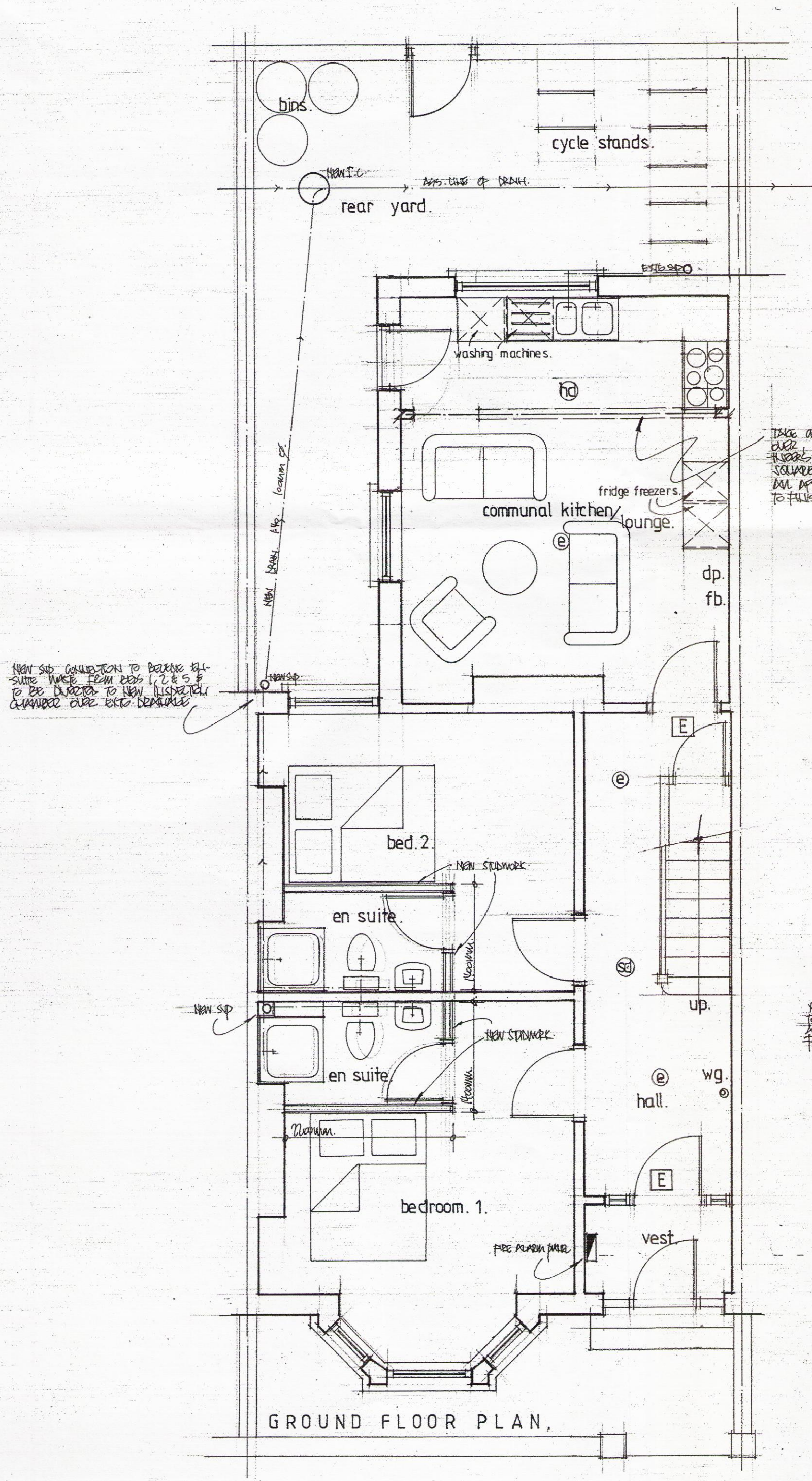
GAS INSTALLATION

To comply with Gas Safety (Installation and Use) Regulations 1994 and be certified by British Gas PLC or a CORGI registered business or firm on completion. A British Gas PLC 'GAS INSTALLATION INSPECTION REPORT' and Soundness Testing Certificate, or CORGI 'GAS SAFETY INSPECTION REPORT' and copy of the 'CORGI REGISTRATION CERTIFICATE' as appropriate is required.

EXTINGUISHERS to BS 5423, 1987, Fire Blanket to BS 6575, 1985)

- Wg 9 litre water extinguisher (13A Rating)
- CD2 2.2kg carbon dioxide extinguisher (21B Rating)
- FB 1m/2 fire blanket and container
- DP 2.2kg Dry powder

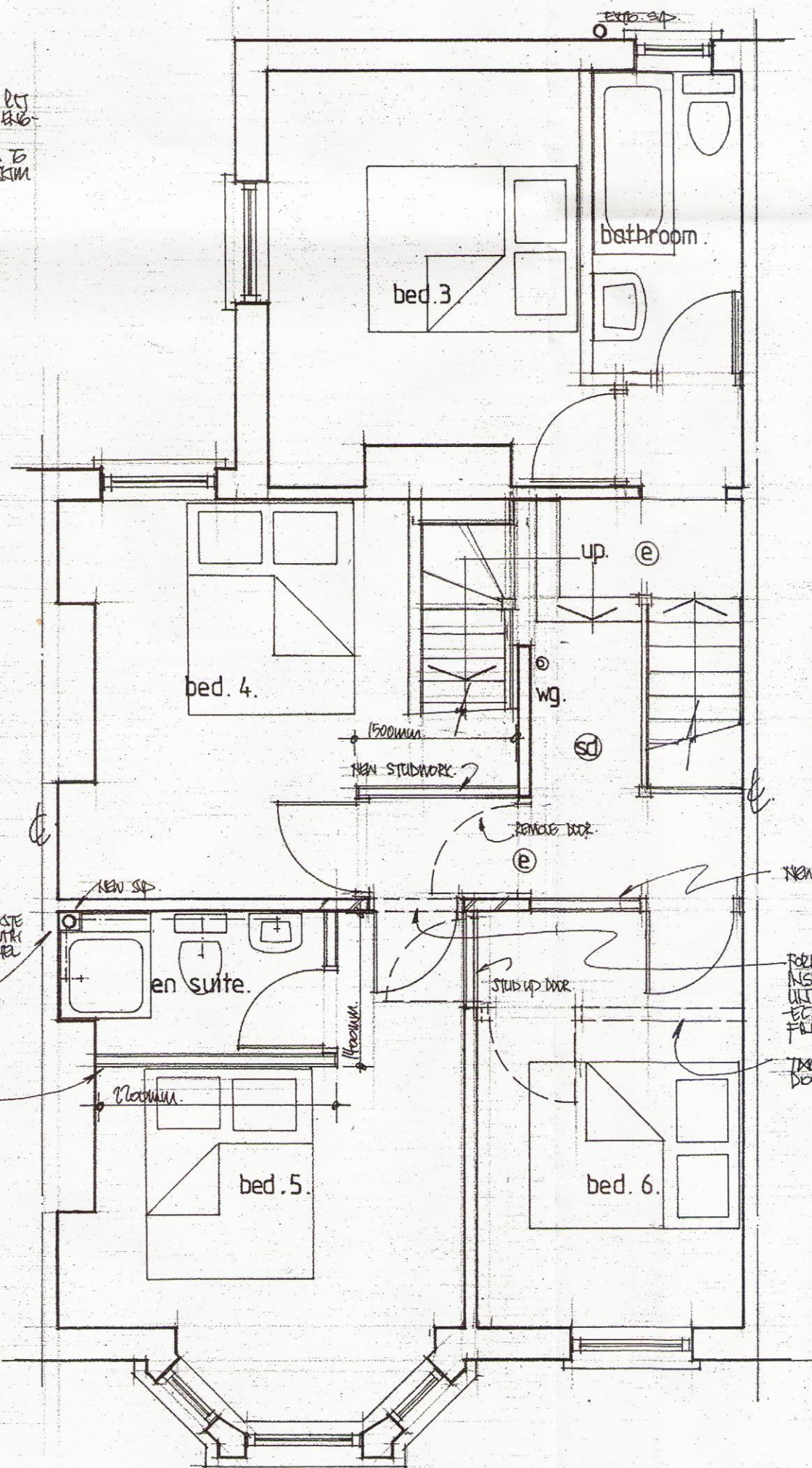
All above to be mounted on wall brackets, fire extinguishers approx. 1m to top of extinguisher above floor level and fire blanket approx. 1.5m to top of container above floor level



GROUND FLOOR PLAN,

TAKE OUT WALL & INSERT NEW SP. CONCRETE TO BE LAYED ALL OVER. SOURCE IN REAR YARD & MAKE GOOD TO ALL ADJACENT ROOMS. PAINT & SKIN TO FINISH.

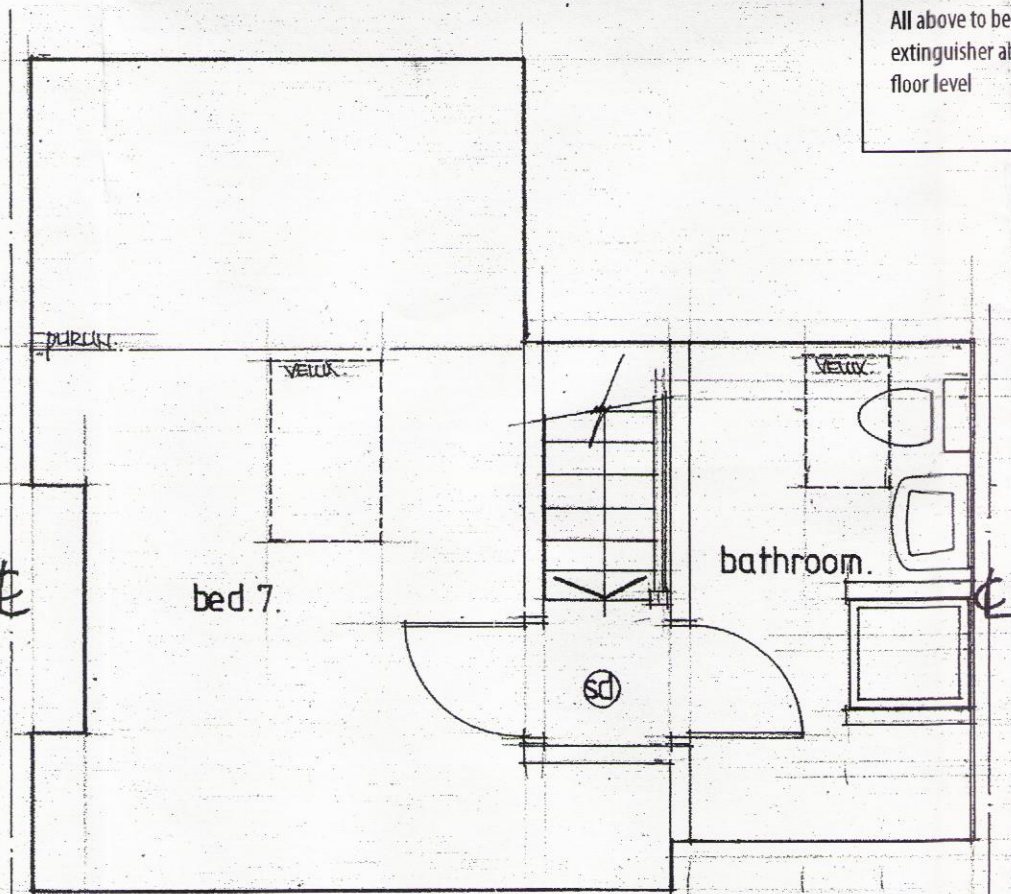
NEW SP. CONCRETE TO BE LAYED ALL OVER. SOURCE IN REAR YARD & MAKE GOOD TO ALL ADJACENT ROOMS. PAINT & SKIN TO FINISH.



FIRST FLOOR PLAN.

FROM NEW DOOR OPENING IN HALL & INSERT NEW SP. CONCRETE TO BE LAYED ALL OVER. SOURCE IN REAR YARD & MAKE GOOD TO ALL ADJACENT ROOMS. PAINT & SKIN TO FINISH.

TAKE DOWN BRICK STAIRWORK & DOOR



SECOND FLOOR PLAN.

NOTES.

Studwork

ALL NEW STUDWORKS TO BE 25x50mm S.U.I.T.S. AND JOISTING WITH 30mm MINIMUM UNDER (S.G.) F.V.S. BOTH SIZES TO BE PLATED IN 12.5mm PLATE/ROOFING & SKIN TO FINISH.

Extract vents.

INSERT NEW MECHANICAL EXTRACT VENTS TO GIVE MINIMUM VENTILATION OF:

- KITCHEN - 15 LITRES PER HOUR
- BATHROOM ALL-SUITE - 15 LITRES PER HOUR
- A MIN. 30 MP. CUMBERS ARE REQUIRED TO EXHAUST WITH A 15 MINUTE DELAY TO BATHROOMS AND ALL SUITES. VENT ROUTINGS PERIOD ON SITE.

Fire doors.

ALL DOORS TO JAMB/DOOR FRAME TO ALL DOORS TO BE FD30 HALF HOUR SELF CLOSING DOORS.

General.

IN ORDER TO SATISFY BUILDING REGULATIONS, ALL STRUCTURAL TIMBERS USED MUST BE STRENGTH GRADED & MARKED DRY OR KD.

ALL ELECTRICAL WORKS TO MEET PART P & MUST BE INSTALLED, INSPECTED & TESTED BY AN PERSON COMPETENT TO DO SO. ALL APPROPRIATE BS 7671 ELECTRICAL INSTALLATION CERTIFICATE IS TO BE ISSUED BY A PERSON COMPETENT TO DO SO AFTER CHECKING IS SATISFIED THAT PART P HAS BEEN COMPLIED WITH.

APPROVAL & CONTROL OF ALL NEW BOILERS TO BE CONFIRMED BY ANNUAL CERTIFICATE (M.C.O.) SETS OF ALL NEW CENTRAL HEATING SYSTEMS TO BE CONFIRMED BY M.C.O. POSTERS OF PLUMBING TERMINALS TO BE IN ACCORDANCE WITH BS 6841 PART 1 & 2. ALL NEW BOILERS ARE TO BE INSTALLED BY A CORGI REGISTERED INSTALLER. ALL NEW EXHAUSTS ARE TO BE FITTED WITH THERMOCouple VALVES & TO BE IN STRICT ACCORDANCE WITH DOMESTIC FUELS GUIDE.

DO NOT SCALE OFF THIS DRAWING.  
ALL DIMENSIONS TO BE CHECKED ON SITE.  
ALL ELEMENTS OF STRUCTURE TO BE SHOWN.  
FIRE RESISTING.

REVISION	AMENDMENT	DATE
CLIENT MR. A. MITTY		
ISF 12696 27/10/15.		
DRAWING TITLE CHANGE OF USE FROM DWELLING TO 7 BED HMO @ 23 RUSSELL ROAD. ALLERTON LIVERPOOL L18 1DY.		
PROPOSED FLOOR PLANS.		
SCALE 1:50, 1:500.	DRAWING No. 02.	REV.
DATE OCTOBER 2015.		