

Front Elevation

Side

Rear

Side

WINDOWS AND DOORS

PLEASE REFER TO SCHEDULE FOR DETAILS OF UNITS REQUIRED.
ALL WINDOWS TO BE DOUBLE GLAZED AND CAPABLE OF PROVIDING N.L.T. 1/20TH FLOOR AREA A "RAID"
VENTILATION OF ROOM SERVED. IN ADDITION, ALL HABITABLE ROOMS TO HAVE PROPRIETARY TRICKLE
VENTS INSTALLED TO WINDOW FRAME AT HIGH LEVEL PROVIDING N.L.T. 10000 SQ MM OF "BACKGROUND"
VENTILATION. TO KITCHEN, UTILITY AND BATHROOMS PROVIDE N.L.T. 4000 SQ MM.
GLAZING TO BE IN ACCORDANCE WITH PART N BUILDING REGULATIONS 1991.

ADDITIONAL VENTILATION REQUIREMENTS

MECHANICAL EXTRACT VENTILATION TO BE PROVIDED TO KITCHEN, UTILITY AND BATHROOMS.

KITCHEN

EXTRACTOR CAPABLE OF EXT. RATE N.L.T. 60 LITRES PER SECOND OR INCORPORATED IN A COOKER HOOD
CAPABLE OF 30 LITRES PER SECOND - OPERATED INTERMITTENTLY - DUCTED TO EXTERIOR OF DWELLING.

UTILITY - EXTRACTOR CAPABLE OF EXT. RATE N.L.T. 30 LITRES PER SECOND.

BATHROOM

EXTRACTOR CAPABLE OF EXT. RATE N.L.T. 15 LITRES PER SECOND WITH INTERMITTENT OPERATION FACILITY.
THE ABOVE EXTRACTOR REQUIREMENTS ARE IN ADDITION TO TRICKLE VENTS AND 1/20TH FLOOR AREA
OPENING VENTS.

GLAZING

TO BE IN ACCORDANCE WITH PART N BUILDING REGULATIONS AND B.S. 6206 : 1981. ALL GLAZING TO
INTERNAL DOORS WHERE FITTED TO BE TOUGHENED / LAMINATED SAFETY GLASS. ALL GLAZING TO EXTERNAL
DOORS TO BE TOUGHENED / LAMINATED SAFETY GLASS EXCEPT SOLID DOORS INCORPORATING SMALL
GLAZING AREA NOT EXCEEDING 250MM WIDTH AND 0.5M AREA. E.G. COTTAGE STYLE.
DOUBLE GLAZING TO ALL EXTERNAL DOORS AND WINDOWS.
EACH SAFETY GLAZED PANEL TO INCORPORATE THE BRITISH STANDARD KITE MARK AS MEANS OF
IDENTIFICATION.

COMBUSTION AIR SUPPLY

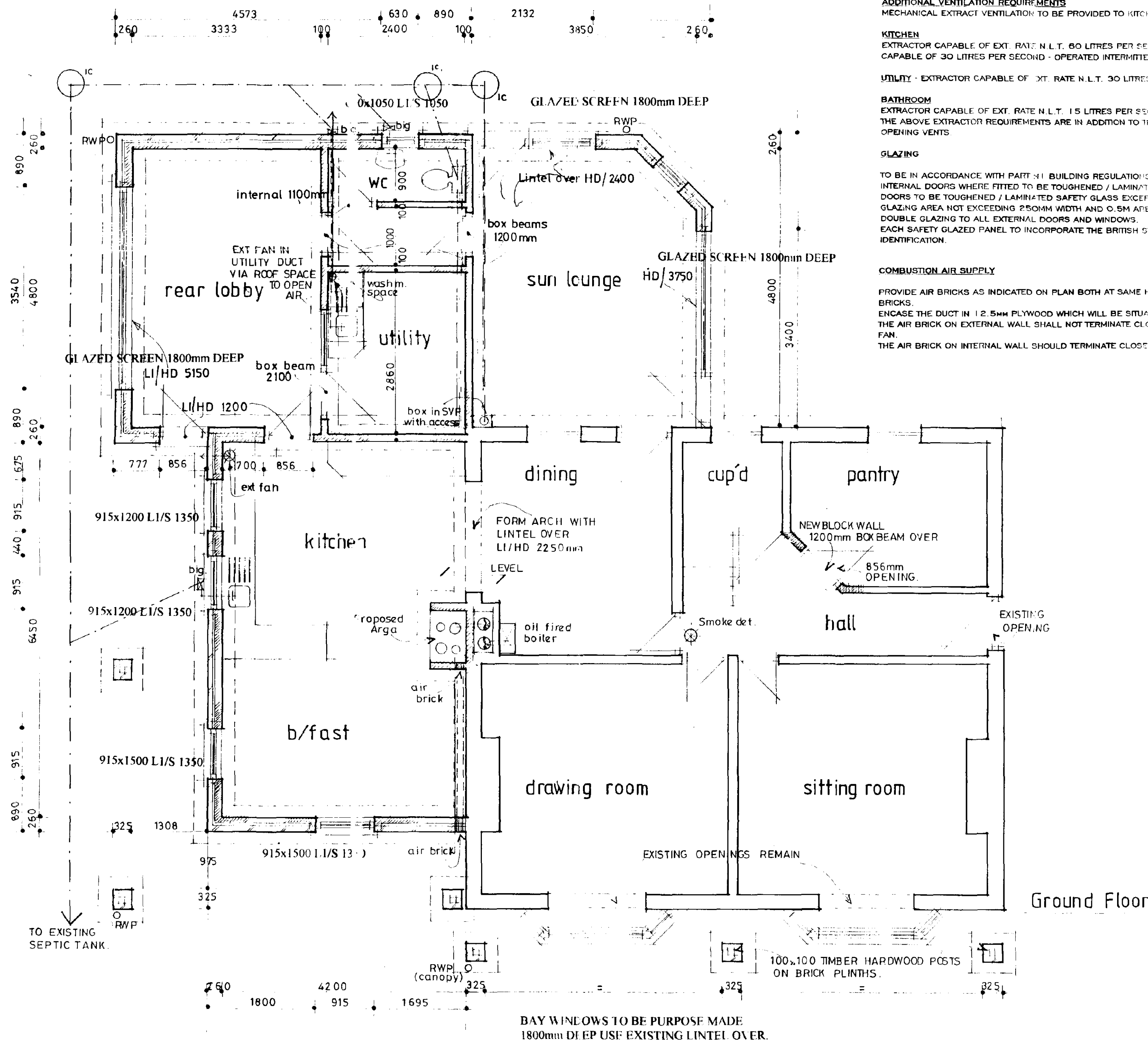
PROVIDE AIR BRICKS AS INDICATED ON PLAN BOTH AT SAME HEIGHT WITH A DUCT CONNECTING THE TWO
BRICKS.
ENCASE THE DUCT IN 12.5MM PLYWOOD WHICH WILL BE SITUATED DIRECTLY BELOW THE KITCHEN CEILING.
THE AIR BRICK ON EXTERNAL WALL SHALL NOT TERMINATE CLOSE TO THE PROPOSED KITCHEN EXTRACTOR FAN.
THE AIR BRICK ON INTERNAL WALL SHOULD TERMINATE CLOSE TO THE APPLIANCE.

SMOKE DETECTION - PART B BUILDING REGS 1991

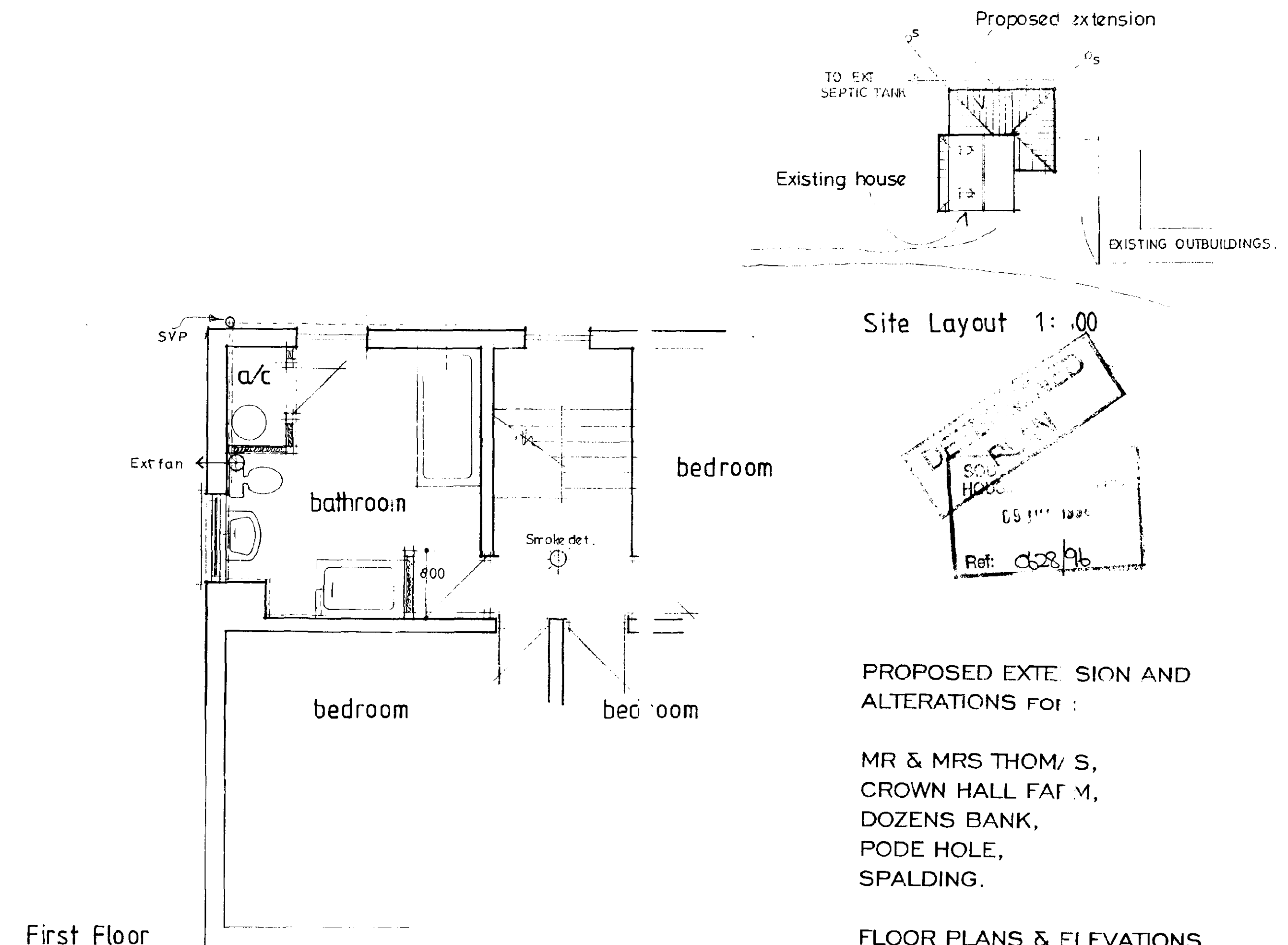
MAINS OPERATED SELF CONTAINED SMOKE ALARMS TO BS 5446 : PART 1 TO BE INSTALLED IN
CIRCULATION AREAS WITHIN 7M OF DOORS TO HIGH FIRE RISK ROOMS AND WITHIN 2.4 OF BEDROOM DOOR
WHERE MORE THAN ONE ALARM IS INSTALLED THEY SHOULD BE INTERCONNECTED SO THAT DETECTION OF
SMOKE BY ANY UNIT ACTIVATES THE ALARM IN OTHERS. AT LEAST ONE SMOKE ALARM TO BE INSTALLED TO
EACH STOREY CONTAINING ACCOMMODATION ALL TO BE INTERCONNECTED.
SELF CONTAINED ALARMS TO BE PERMANENTLY WIRED TO A SEPARATELY FUSED CIRCUIT AT DISTRIBUTION
BOARD. INSTALLATION TO CONFORM TO IEE WIRING REGULATIONS. FIXING OF SMOKE ALARMS SHOULD BE
N.L.T. 300MM FROM ANY WALL OR LIGHT FITTING. WHERE WALL MOUNTED UNITS ARE INSTALLED THEY ARE
TO BE AT A HEIGHT BETWEEN 150MM AND 300MM BELOW THE CEILING.
POSITIONING OF SMOKE ALARMS MUST FACILITATE ROUTINE MAINTENANCE. OCCUPANTS OF DWELLINGS TO BE
PROVIDED WITH INFORMATION ON USE OF EQUIPMENT AND ITS MAINTENANCE.

HEATING

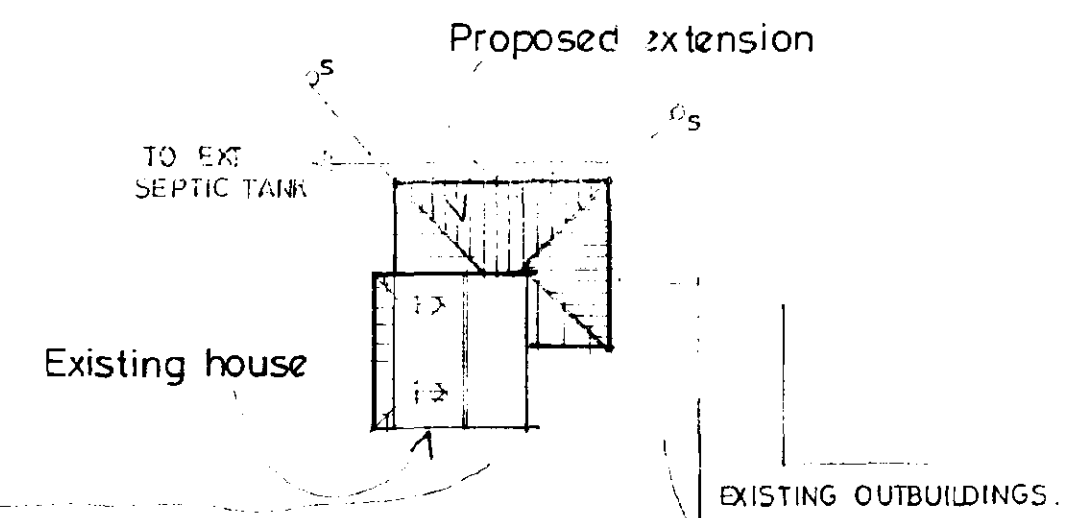
BOILER TO BE INSTALLED IN POSITION INDICATED ON PLAN. ALL HOT WATER AND HEATING PIPES INCLUDING
CYLINDER TO BE INSULATED IN ACCORDANCE WITH REG. L1 BUILDING REGULATIONS.
HOT WATER STORAGE SYSTEM TO BE VENTED TYPE.
HOT WATER STORAGE SYSTEM TO BE INSULATED SO AS TO LIMIT THE HEAT LOSS TO 0.001 W/M OF
SURFACE AREA OF THE SYSTEM TO COMPLY WITH BS 1565 PARTS 1 & 2 : 1994 OR BS 3198 : 1991.
ROOM THERMOSTAT / THERMOSTAT VALVES TO RADIATORS INSTALLED TO CONTROL HEAT OUTPUT FROM
BOILER SYSTEM.



Ground Floor



First Floor



Site Layout 1:100

PROPOSED EXTENSION AND ALTERATIONS FOR :

MR & MRS THOMAS,
CROWN HALL FARM,
DOZENS BANK,
PODE HOLE,
SPALDING.

FLOOR PLANS & ELEVATIONS

1:50, 1:100

JUNE 1996