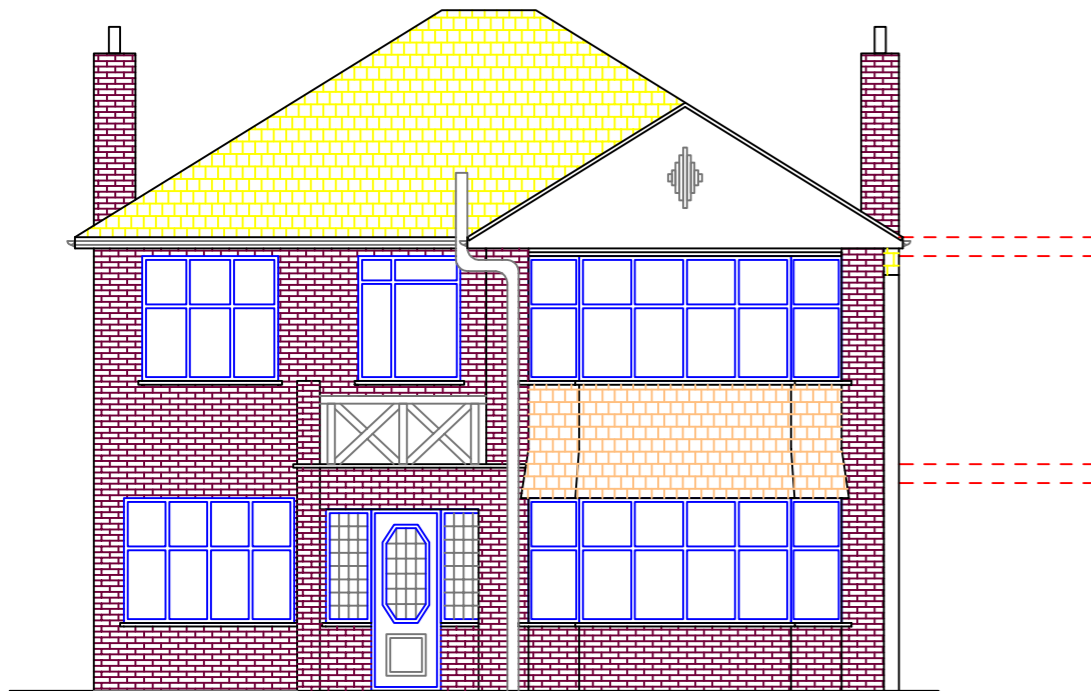


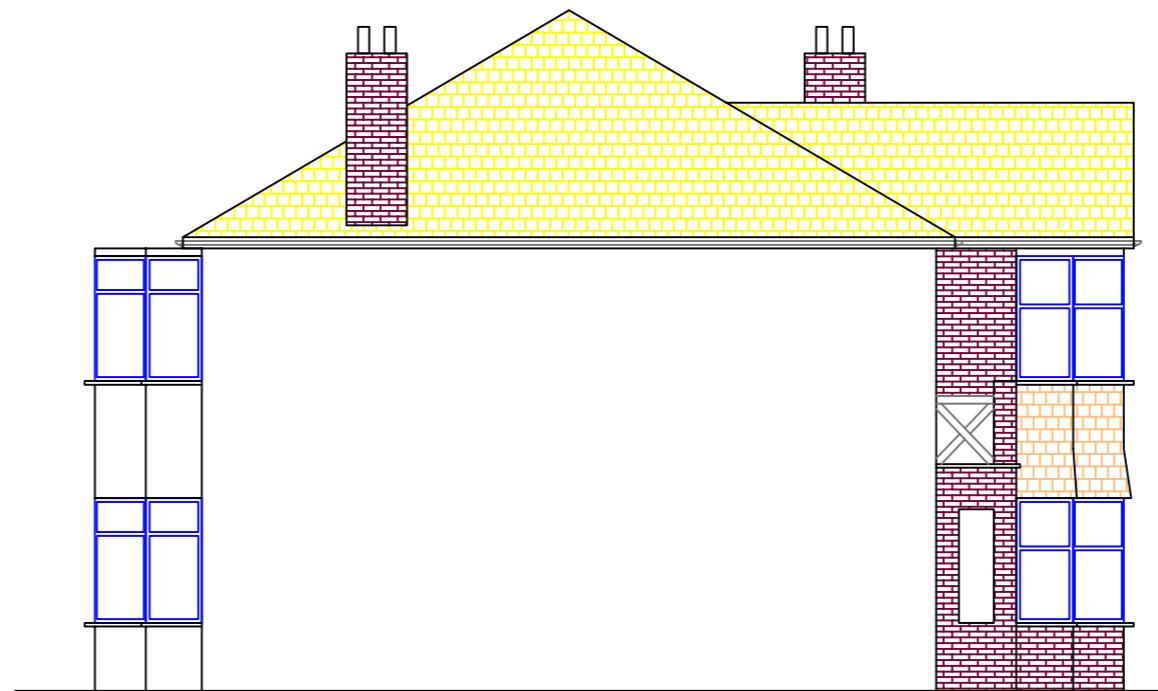
## MEANS OF VENTILATION

1- Extract ventilation to the outside building is required from kitchen & utility room plus bathroom/sanitary accommodation in accordance to rates given in table 1.1a of the approved document. All rooms have natural ventilation by means of windows, yet additional mechanical ventilators provided at designated areas.

2- PROVIDING MECHANICAL EXTRACT FANS TO KITCHEN (30L/sec) WITH COOKER HOOD DUCTED TO OUTSIDE AIR & AWAY FROM ADJOINING PROPERTY. THE BATHROOM/WC AREAS TO HAVE 15L/sec EXTRACT FAN FITTED TO LIGHT SWITCH WITH 15MINUTES OVER RUN. ALL BATHROOMS & KITCHENS REQUIRE TO HAVE ADEQUATE MEANS OF VENTILATION IN ACCORDANCE TO APPROVED DOCUMENT-F. THE CONDENSING BOILER HAS THE CONDENSE OUTLET TAKEN INTO THE FOUL DRAINAGE SYSTEM



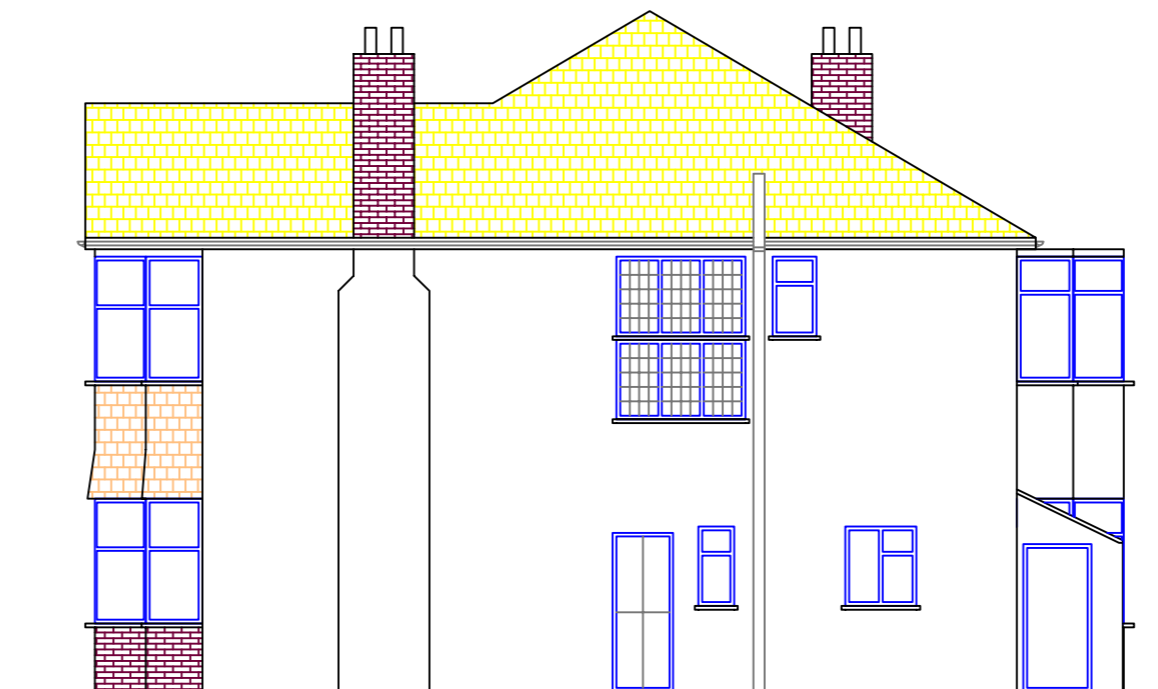
EXISTING FRONT ELEVATION



EXISTING SIDE ELEVATION



EXISTING REAR ELEVATION



EXISTING SIDE ELEVATION

### INTERNAL SPECIFICATION:

(1) ALL MATERIALS TO BE USED IN THE CONSTRUCTION OF THE EXTERNAL SURFACES OF THE BUILDING(S) SHALL MATCH THOSE USED IN THE EXISTING BUILDING(S). NEW HARDSTANDING AREAS MUST BE POURUS BLOCK PAVING.

(2) THE INTERNAL & EXTERNAL WALLS & FLOORS AS WELL AS THE ROOF TO HAVE SUFFICIENT INSULATION TO ACHIEVE THE FOLLOWING REQUIREMENTS:

ALL WALLS TO HAVE U-VALUE OF 0.28 & ALL THE FLOORS TO HAVE U-VALUES OF 0.2 & THE PITCHED ROOF TO HAVE INSULATION & BREATHABLE MEMBRANE WITH U-VALUE OF 0.16 PLUS THE FLAT ROOF (WHERE APPLICABLE) IS DESIGNED AS WARM-DECK ROOF WITH U-VALUE OF 0.18 U-VALUE FOR EXTERNAL WINDOWS & GLAZED DOORS TO BE 1.6W/m<sup>2</sup>K - 16mm GAP (ARGON GAS FILLED) & LOW E GLASS - SAFETY GLAZING TO BE PROVIDED IN CRITICAL LOCATIONS.

(3) SOLID STRUTTING PROVIDED TO MID SPAN OF JOIST OVER 3m. PERIMETER EDGES & JOINTS OF PLASTER BOARD/FLOOR BOARDING SHALL BE SUPPORTED BY 50x50 sw NOGGIN. UNDERSIDE OF ALL FLOOR JOISTS TO FACE OF WALLS TO BE FINISHED WITH 12.5mm PLASTER BOARD WHICH MUST BE TAPPED & FILLED BEFORE RECEIVING SKIM FINISH. PROVIDE STAINLESS STEEL STRAPS TO NEW FLOOR CONNECTING TO EXISTING & NEW WALL @ MAX-1500mm c/cs.

(4) PROVIDE HEAT/SMOKE DETECTOR IN THE KITCHEN AREA. PROVIDE AUTOMATIC SMOKE DETECTORS ALARM SYSTEM INTERCONNECTED TO A SEPARATE FUSED CIRCUIT TO BS 5446. SMOKE DETECTOR IN THE COMMUNAL AREA & ALL DETECTORS ARE INTERLINKED WITH MAINS FED SELF CONTAINED & INSTALLED & COMMISSIONED AS PER BS5839-6:2004 PLUS PROVIDE HEAT & SMOKE DETECTOR IN THE KITCHEN AREA. PROVIDE AUTHOMATIC SMOKE DETECTORS ALARM SYSTEM INTERCONNECTED & TO A SEPARATE FUSED CIRCUIT TO BS 5446.

(5) NEW BEDROOMS AT ALL FLOORS TO BE PROVIDED WITH AN OPENABLE WINDOW WITH AN UNOBSRUCTED AREA OF MIN. 0.5M<sup>2</sup> WITH A MIN. 650mm DIMENSION IN EITHER DIRECTION (ie CLEAR UNOBSRUCTED APERTURE TO BE MIN. 850x650mm WITH ESCAPE HINGE) THE CIL HEIGHT OF THESE WINDOWS SHOULD FALL BETWEEN 800-1100

