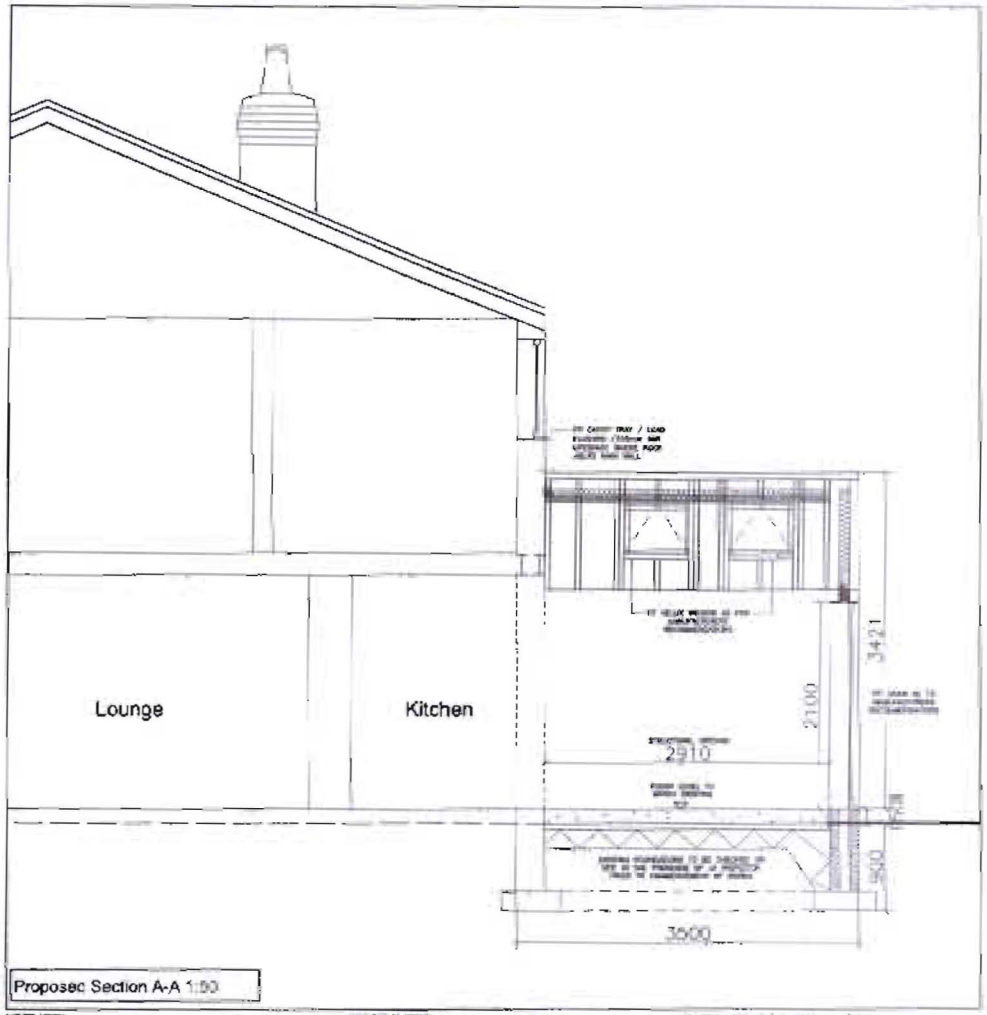


Proposed Section A-A 1:50

VENTILATION:
WINDOW VENTILATORS
8000mm2 TO NEW ROOMS.
4000mm2 TO KITCHEN/BATHROOMS
TO BE PROVIDED INTEGRAL WITHIN WINDOW NOT LESS THAN 1.7m ABOVE FINISHED FLOOR.
(NORMALLY WITHIN TOP HORIZONTAL FRAME)
OPENING LIGHTS TO WINDOWS TO BE 1/20th MINIMUM OF TOTAL ROOM FLOOR AREA
SOME OF THE VENT OPENINGS TO BE ABOVE 1.75 M.
1ST FLOOR WINDOWS TO HAVE ALTERNATIVE MEANS OF ESCAPE, CLEAR UNOBSTRUCTED AREA OF 0.33 M2 AND AT LEAST 450 WIDE AND 450 WIDE (E.G. 450 X 750= 0.34 M2) WITHIN 1100 mm OF FLOOR LEVEL.
MECHANICAL EXTRACT FANS.
60 L/SEC TO KITCHEN
(CONTRACTOR/CLIENT TO AGREE WHO WILL PROVIDE KITCHEN FAN PRIOR TO START I.E. IF FAN IS A SEPARATE UNIT OR INTEGRAL WITH COOKER HOOD IF EXTRACT FAN IN COOKER HOOD THIS MUST EXTRACT TO EXTERNAL AIR CONTRACTOR TO FORM OPENING)
15 L/SEC IN BATHROOMS/ WCs WITH 3 AIR CHANGES PER HOUR WITH 15 MINUTE OVER RUN, PIT ISOLATION SWITCH FOR NIGHT USE, USUALLY ABOVE DOOR.

WINDOW GLAZING
U VALUE 1.8 W/m2K (1 April 2008)
DOUBLE GLAZED LOW-E = 0.1 ARGON FILLED.
Or WINDOW ENERGY RATING A = RAND 'D'
Or CENTRE PANE 'U' VALUE 1.2 W/m2K
ALL GLAZING IN ACCORDANCE TO B.S.6206 AND APPROVED DOCUMENT N.
4:10: 4 MINIMUM RATIO (FINALISE BE AGREED WITH OWNER)
USE 4mm PILKINGTON 'K' GLASS OUTER PANE
USE 16mm AIR SPACE MINIMUM ARGON FILLED
USE 4 mm PILKINGTON 'K' GLASS INNER PANE AND HAVE THIS toughened or laminated GLAZING IF WINDOWS HAVE AN INSIDE CILL HEIGHT LESS THAN 800mm AND GLAZING IN DOORS AND ALSO TO WINDOWS IMMEDIATELY CONNECTED TO DOORS.
FIT TO MANUFACTURERS DETAILS/RECOMMENDATIONS.
ANY OPENING WINDOW BELOW 800mm REQUIRES A RESTRICTOR.
WINDOW AREAS NOT TO EXCEED 25 % FLOOR AREA PLUS THE AREA OF ANY OPENINGS WHICH NO LONGER EXIST AS A RESULT OF THE EXTENSION OR NO LONGER EXPOSED.
OPENING LIGHTS TO GROUND FLOOR WINDOWS TO BE PROVIDED WITH 100mm RESTRICTORS TO PREVENT HEADSPACE COLLISION WITH OPENING WINDOWS.

GLAZED DOORS 'U' VALUE 3.1 W/m2K
(WHERE MORE THAN ONE GLAZING)

FLOOR CONSTRUCTION: (unless noted)
150mm FLOAT FINISH INSITU CONCRETE SLAB TO DEPENDENCIES
LAYER OF 500 GAUGE POLYTHENE SHEET TO
80mm KINGSPAN KOOLTHERM K3 FLOORBOARD LAID TO MANUFACTURERS DETAILS & SPECIFICATION.
(SECTION 6+K2 P 6.2.1 K, UP TO P.D.=0.2)
(30mm UPSTAND OF INSULATION TO PERIMETER ALSO)
TO 1200 thickness DPM LAID TO SAND BLINDING (12mm MINIMUM THICKNESS) TO
150mm WELL BADGED/CONSOLIDATED HARDCORE.
LAP DPM WITH DPC TO FORM CONTINUOUS BARRIER
(WHERE CONCRETE ABUTS EXISTING SUSPENDED TIMBER FLOOR
FIT GLASSVALE UNDERFLOOR VENT CRYSTAL 100 MM DIAMETER UPVC PIPES BELOW NEW CONCRETE FLOOR THROU DABU
EXISTING ARDWICK /WALL AND CONNECTED TO NEW CAVITY
BRIDGING DUCT (I.E. USE 'GLASSVALE VENT & AIR BRICK PACK, 4/100 ARMOUR, MYGEN TELESCOPIC, MYGEN VENT PIPE ADAPTOR) IN NEW EXTERNAL CAVITY WALL. ENSURE 100 MM MINIMUM CONCRETE COVER/ SURROUND.
FIT CAVITY TRAYS ABOVE ANY POINT WHERE DPC WILL CAVITY IS BRIDGED.

DO NOT SCALE FROM THESE DRAWINGS
CONTRACTOR TO CHECK ALL DIMENSIONS ON SITE.

A - 25.09.09
Drains amended following planning comments.

Proposed Ground Floor Rear Extension
42 School Lane
Didsbury
Manchester
M20 6RT

Ground Floor Proposed Detail Section A-A

1:50 @ A3 | 16.09.09
01 | 42-133 | A