

PROPOSED GROUND FLOOR PLAN

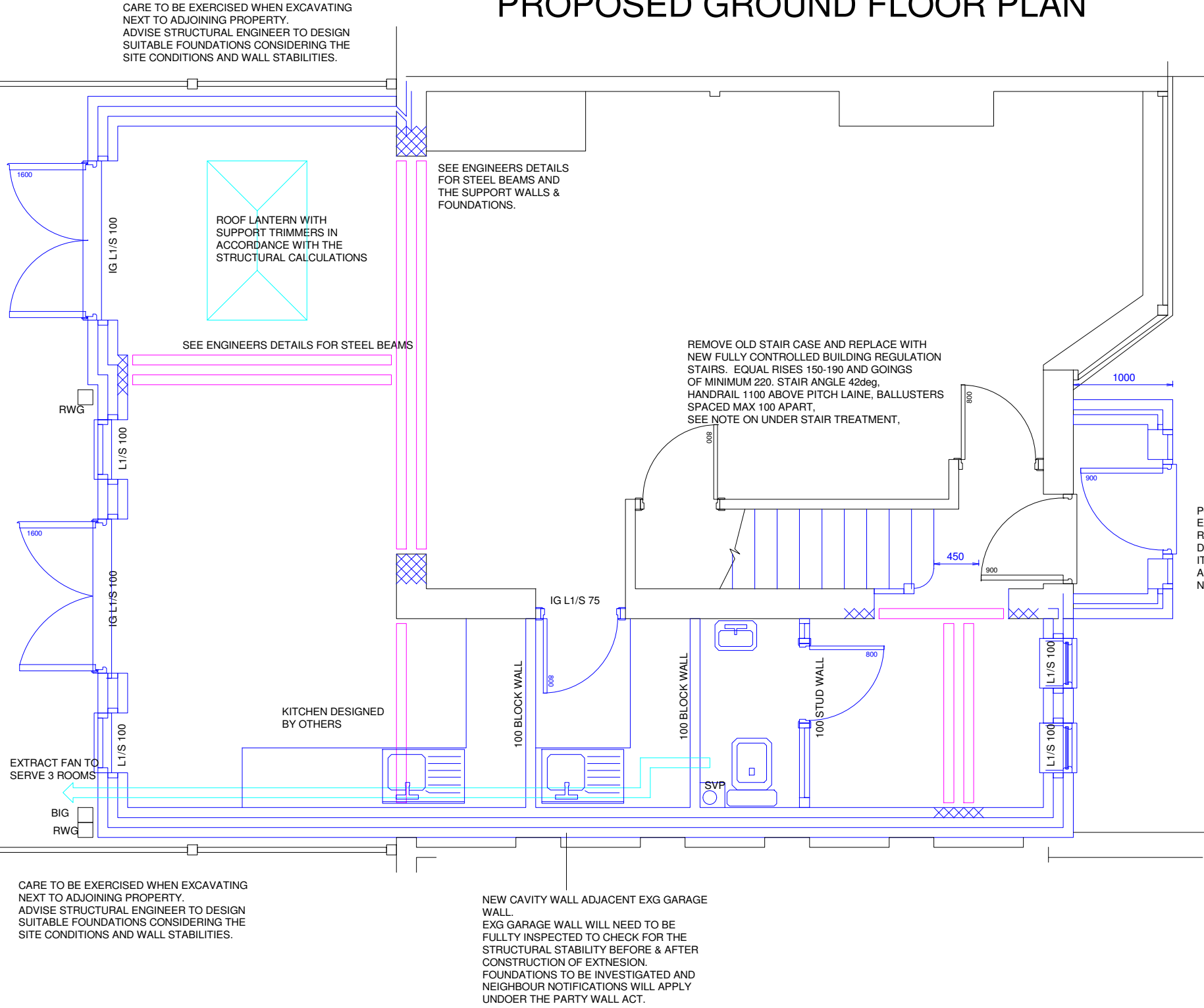
RWG -- RAIN WATER GULLEY
BIG -- BACK INLET GULLEY
HAG -- HORIZONTAL ACCESS GULLEY
DRP -- DRAIN RODDING POINT
SVP -- SOIL AND VENT PIPE
CS -- SETBACK STACK
BDP -- BRANCH DISCHARGE PIPE
IC -- INSPECTION CHAMBER
IL -- INVERT LEVEL
CL -- COVER LEVEL
DRAINS ARE COLOUR CODED GREEN
NOTE THAT IC COVERS ARE TO BE
SCREW DOWN NON-ACCESSIBLE.

WASTE PIPES.

NEW WASTE PIPES TO BE 50mm dia WITH 75mm
DEEP SEAL TRAPS.
ANTI-VAC TRAPS TO BE FITTED TO FITTINGS.

GENERAL DRAINAGE NOTES

RIGID PIPES (VITRIFIED CLAY TO BS85) SHALL BE
USED WITH WATER TIGHT FLEXIBLE JOINTS.
PIPE RUNS SHOWN ON DRAWING ARE ASSUMED
DIRECTIONS AND UNKNOWN DEPTHS.
NEW PIPE RUNS CLOSE TO A BUILDING MAY REQUIRE
CONCRETE FILL AND THE SITE CONDITIONS WILL
DETERMINE THE FILL LEVELS.
EXG. PIPE RUNS CLOSE TO NEW BUILDINGS MAY
REQUIRE RE-EXCAVATION AND/OR IDENTIFICATION
TO DETERMINE CONCRETE FILL LEVELS.
ANY NEW OR EXG. DRAIN THAT WILL BE CONCRETE
ENCASED & INTEGRAL WITH A SLAB, A FOUNDATION
OR A WALL WILL REQUIRE FLEXIBLE JOINTS AND
600mm LONG ROCKER PIPES AT EACH SIDE OF
THE INTERGRATED SOLID PIPE RUN.
DEPTH OF COVER OF DRAINS TO BE ESTABLISHED
ON SITE.
MINIMUM GRADIENT OF NEW DRAINS TO BE 1:40.
CONNECTIONS OF DRAIN TO DRAIN TO BE OBLIQUE
AND IN DIRECTION OF FLOW.
DRAIN ACCESS POINTS (IC'S) TO BE PROVIDED AT
BENDS, CHANGES OF GRADIENTS, CHANGE OF PIPE
SIZE, AND AT THE HEAD OF A LONG DRAIN RUN.
NOTE THAT IC'S TO HAVE NONE ACCESSIBLE COVERS.
THE LOCATION OF ANY PUBLIC SEWER WILL NOT BE
IDENTIFIED ON THIS DRAWING.
BUILDING CONTROL SHALL IN CONJUNCTION WITH
THE DRAINAGE AUTHORITY IDENTIFY THE LOCATION
OF ANY PUBLIC SEWER THAT MAY AFFECT THE
DEVELOPMENT.
DRAINAGE SPECIFICATION, LAYOUTS, GULLY POSITIONS
AND SOIL PIPE LOCATIONS ETC TO BE CONFIRMED ON
SITE BY THE BUILDING CONTROL OFFICER.



LINTEL SCHEDULE

TO BS5977: PART 2: 1983. BBA 86/1674 & BBA 85/1453.
LINTELS MUST NOT SUPPORT CONCRETE FLOOR LOADS OR
POINT LOADS.
DO NOT USE DAMAGED LINTELS.
END BEARINGS GENERALLY NOT LESS THAN 150mm.
INSIDE OF BEAMS TO BE FILLED WITH FIBREGLASS INSUL.

BEAM AND STRUCTURAL NOTE

INDICATES A SUPPORT BEAM
INDICATES SPAN OF JOISTS
MEMBER LABEL POINTER

FOR STRUCTURAL CALCULATION PURPOSES ALL THE
MAJOR STEEL AND/OR TIMBER BEAMS WILL CARRY DEAD
AND IMPOSED LOADS FROM WALLS, FLOORS AND ROOFS
BASED ON THE SPANS INDICATED ON THIS PLAN OR
ASSOCIATED PLANS.
IN SOME CASES THE CALCS MAY SHOW A DIFFERENT
OR ASSUMED SPAN FOR THE PURPOSES OF CALCULATING
WORST CASE LOADING PATTERN.
DEPARTURES FROM APPROVED CALCULATIONS ARE NOT
PERMITTED.
WHERE BEAMS ARE BEING LOCATED THERE SHOULD
EXIST EITHER EXISTING FOUNDATIONS OR ENHANCED
FOUNDATIONS. BUILDING CONTROL OFFICER SHALL BE
SHOWN THE FOUNDATIONS BENEATH NEW BEARINGS
OF THE BEAMS AND CONSIDERATION SHOULD BE GIVEN
TO ALLOWABLE SETTLEMENT RATES.

THE BEARING PADSTONE SIZES ARE A MINIMUM SIZE
AND SHOULD NOT BE ALTERED ON SITE.
SUPPORTING WALLS TO BEAMS SHALL GENERALLY
BE NOT LESS THAN 2.8N STRENGTH AND BUILDER
SHOULD CONSIDER RE-BUILDING SUPPORT WALLS.
WHEN PURCHASING BEAMS THE CONTRACTOR SHALL USE
SITE MEASUREMENTS FOR LENGTHS OF BEAM.
FOR THE PURPOSES OF SAFETY, THE BUILDER SHALL
ALREADY HAVE KNOWLEDGE OR OBTAIN KNOWLEDGE IN
RESPECT TO THE HANDLING AND INSTALLATION OF THE
VARIOUS ITEMS INVOLVED IN THE CONSTRUCTION.

STRUCTURAL USE OF TIMBER

ALL STRUCTURAL TIMBER MEMBERS ie JOISTS, RAFTERS,
PURLINS, LINTELS, TRIMMERS, TIMBER TIES ETC. SHALL
BE IN ACCORDANCE WITH BS 5268-2:2002.
TIMBERS USED SHALL BE C16min FROM SUPPLIES THAT
WERE STAMPED DRY or KD. (REF. TO ANY CALCS)
TIMBERS USED SHALL BE FROM GRADE-STRESSED STOCK
MAXIMUM THICKNESS OF ANY MEMBER TO BE 100mm AND
MAXIMUM DEPTH OF ANY MEMBER SHALL BE 300mm.
ANY NOTCHES IN A TIMBER MEMBER SHALL BE LIMITED
TO MAX. 1/8th DEPTH, BE BETWEEN 1/20th & 1/4 OF
SPAN FROM A SUPPORT. DRILLED HOLES TO BE AT THE
MIDDLE AXIS OF MEMBER AND NOT MORE THAN 1/4 OF
DEPTH, NOT LESS THAN THREE DIAMETERS APART, & BE
BETWEEN 0.25 AND 0.4 SPAN.
NAILED JOINTS TO HAVE MIN. 2 SCREW DRIVEN NAILS.
WHERE BEAMS AND TRIMMERS ARE BOLTED TOGETHER
THEN THE PREPARED BOLT SIZE IS M16 WITH NUT
AND WASHER AND 400mm APART.

CAVITY WALL SPECIFICATION.

OUTER LEAF OF BWK, AN INSULATED CAVITY AND INNER
LEAF OF 100mm THICK THERMALITE TURBO BLOCK, ALONG
WITH INTERNAL PLASTER FINISH.
OUTER LEAF MAY BE SUBJECT TO PLANNING CONDITIONS.
CAVITY WALL BELOW DPC TO BE OF BWK, CONC. BWK,
DENSE CONCRETE BLOCK OR 7N TRENCH BLOCK.
WALL BELOW DPC TO BE AS THICK AS THE WALL ABOVE DPC (IN CASE THE INNER
LEAF IS 140k)
CAVITY CLOSED AT EAVES AND VERGE.
CAVITY WALL BUILT OFF A CONCRETE FOUNDATION.
DPC TO BS743 AND BE AT LEAST 150mm ABOVE GROUND.
U-VALUE REQUIRED 0.18 W/sqmK
CAVITY WALL INSULATION IS 90mm THERMACLASS 21
WITH 10mm GAP.
THERMACLASS CAVITY WALL 21 IS A CELOTEX PRODUCT
2.8kg/sqm, 0.021 W/mK THERMAL CONDUCTIVITY, FIRE
RATING 'E', R-VALUE 4.25m2K/W, RIGID BOARD (PIR)
POLYISOCYANURATE, FOIL FACED & BBA CERTIFIED.
EXAMPLE BLOCK. THERMALITE TURBO 100mm THICK
HAS 2.9N/mm2 STRENGTH, 470kg/m3 AND 0.11W/mK
THERMAL CONDUCTIVITY
EXAMPLE BLOCK. THERMALITE HI STRENGTH 100mm
7.3N/mm2 STRENGTH, 730kg/m3 AND 0.18W/mK
THERMAL CONDUCTIVITY.

NEW CAVITY WALL

102.5mm BRICK OUTER LEAF
100mm CAVITY WIDTH AND
INTERNAL BLOCK 100mm
INSULATION THERMACLASS 21
90mm THICK WITH 10mm GAP

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INTERNAL BLOCK WALLS (120kg/sqm)

100mm THICK DENSE CONCRETE SOLID BLOCK TO BE
ON A CONCRETE FOUNDATION. SEE FOUNDATION NOTES.
WALL BELOW DPC TO BE BWK OR CONC. BWK CONSTN.
THE LOWEST DPC LEVEL SHALL BE AT LEAST 150mm
ABOVE SURROUNDING GROUND LEVEL AND SHALL IF
APPLICABLE BE CONTINUOUS WITH THE FLOOR DPM.
THE DPC SHALL BE OF BITUMINOUS MATERIAL.

TIMBER STUD CONSTRUCTION

ALSO LOOK AT STUD WALL TYPES 1 AND 2

DRG. SYMBOL

47x97 C16 TIMBER FRAMEWORK SET 400mm APART
AND BOTH SIDES PLATED WITH PLASTER BOARD AND
WITH 5mm PLASTER FINISH.
NOTE THAT WALLS SHALL HAVE FULL FIBREGLASS
INFILL AND WHERE ACOUSTIC IMPEDANCE IS NEEDED
USE 15mm PLASTER BOARD WITH 5mm SKIM FINISH
PLASTER BOARD FIXINGS TO BE 50mm PLASTER
BOARD SCREWS SET 250mm c/s.
STUD WALL AT FIRST AND/OR SECOND FLOOR LEVEL
TO BE BUILT ON A DOUBLE OR TRIPLED JOIST.

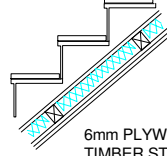
STUD WALL TYPE 1

47x97 C16 TIMBER STUDS AT
400c/s (VERT & HORIZON)
67 ROCKWOOL ACOUSTIC SLAB
OR FULL FILL FIBREGLASS
13mm PLASTER BOARD EACH
SIDE WITH 3mm PLAST. SKIM.
FIRE RESISTANCE = 30mins
ACOUSTIC ISOLN = 44dB

INNER & OUTER SURFACES	= 0.18
PLYWOOD SHEET 0.018/0.14	= 0.114
INSULATION 0.075/0.035	= 2.14
PLASTER BOARD 0.028/0.16	= 0.16
'U' VALUE = 0.38W/sqmK	2.594

UNDER STAIR TREATMENT

SOFT COVERING ON STAIR TREADS.
ADVISE SOFT COVER TO BE GLUED
TO THE TREADS FOR SAFETY.



6mm PLYWOOD DECK ON 50x50 C16
TIMBER STUDS AT 400c/s. FULL
FILL MINERAL WOOL INSULATION
MINIMUM MASS 10kg/sqm.

GENERAL NOTES

- ALL WORK TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS.
WORK TO PROCEED AT THE DISCRETION OF THE BUILDING INSPECTOR
- DRAINS PASSING UNDER EXTENSION TO BE ENCASED IN 150mm
CONCRETE. SEE ADDITIONAL NOTES ON DRAINS ON PLAN.
- ANY ADDITIONAL INSPECTION CHAMBER TO BE EITHER PLASTIC
MANIFOLD OR PRE-CAST CONCRETE CONSTRUCTION. NON-VENT
COVER, STEP IRONS AS NEEDED & SMOOTH IMPERVIOUS BENCH.
- NEW DRAINS TO BE SUPER SLEEVE TYPE OF 100mm dia, 1.40mm
FALL. ANY NEW SOIL & VENT PIPE TO BE TAKEN UP TO AT
LEAST 900mm HIGHER THAN WINDOW LEVEL.
- REINFORCED CONCRETE LINTELS OVER ANY NEW/EXG. DRAIN.
AND HAVE 75mm DEEP SEAL TRAPS.
- HORIZONTAL AND VERTICAL DPC TO NEW OPENINGS.
- CATNIC LINTELS TO NEW OPENINGS. 150mm END BEARINGS AND
FILLED WITH FIBREGLASS INSULATION.
- NEW WINDOWS AND GLAZED DOORS TO BE DOUBLE GLAZED.
- EXG. FOUNDATIONS, WALLS AND LINTELS THAT TAKE INCREASED
LOADS SHALL BE EXPOSED FOR INSPECTION.
- WALL TIES ON 900c/s AND STAGGERED EVERY 3rd COARSE OF
BRICK WORK.
- MILD STEEL ROOF AND FLOOR LATERAL SUPPORTS ON 1m c/s.
- NEW CAVITY WALL RETURNS GENERALLY 655mm min.
- ALL NEW BWK/BLOCK NBS TO BE ON A CONCRETE FOUNDATION.
- ALL ABUTMENTS OF NEW ROOFS AND WALLS ARE TO BE LEAD
FLASHED (STEPPED/LINEAR) WITH CODE 4 LEAD AND WHERE
NECESSARY CAVITY TRAYS INSTALLED.
- UNLESS OTHERWISE STATED ALL BRICK AND BLOCK WORK TO
BE FULLY KEVED TO EXISTING WALLS.
- EXPOSED TIMBERS TO BE TREATED WITH PRESERVATIVE.
- THE CONTRACTOR SHALL CHECK ALL DIMENSIONS & CONDITIONS
PRIOR TO COMMENCEMENT OF WORKS ON SITE. THE DESIGNER
WILL NOT ACCEPT RESPONSIBILITY FOR ANY ANOMOLIES OR
MISTAKES OCCURRING DURING CONSTRUCTION STAGES. THESE
DRAWINGS ARE FOR PLANNING AND BUILDING REGULATION
PURPOSES ONLY AND WHERE NECESSARY DETAILED DESIGN &
SUPERVISION WILL BE CARRIED OUT ON A SEPARATE BASIS
AND AS AGREED WITH THE CUSTOMER.
- THE CONTRACTOR SHOULD DISCUSS THE PROPOSED WORKS
DIRECTLY WITH BUILDING CONTROL DURING ALL STAGES.
- PERMISSION WILL BE REQUIRED FROM OWNER OF ADJACENT
PROPERTY OR LAND FOR ANY WORK ON OR BEYOND BOUNDARY.
- PRODUCTS OF DIFFERENT MANUFACTURERS MAY BE USED, BUT,
REASONABLE QUALITY PRODUCTS ARE A MINIMUM REQUIREMENT.
- THE BUILDER IS ADVISED PRIOR TO COMMENCEMENT OF WORK
AND DURING WORK IN PROGRESS TO DISCUSS WITH THE
CUSTOMER ANY ASPECTS OF WORK THAT MAY BE CONSIDERED
AS EXTRA WORK. THESE MATTERS MUST BE DISCUSSED, COSTED
AND AGREED WITH THE CUSTOMER PRIOR TO IMPLEMENTATION.
- ALL BWK. SHALL BE IN ACCORDANCE WITH BS5628 AND
CONCRETE SHALL COMPLY WITH BS8110 'STRUCTURAL USE OF
CONCRETE', AND SPECIFICATION OF PRESCRIBED & DESIGNED
MIXES FOLLOWS THAT PRACTICE SET OUT IN BS5328.
CONCRETE SHALL BE GRADE C25 USING SULPHATE RESISTING
CEMENT TO BS4027 WITH A MINIMUM CEMENT CONTENT OF
330kg/cubic m UNLESS OTHERWISE SPECIFIED.
- THE NATURE OF THE GROUND AND SAFE BEARING CAPACITY
SHALL BE DETERMINED PRIOR TO COMMENCEMENT. CONTRACTOR
SHALL DO THIS IN CONJUNCTION WITH BUILDING INSPECTORS.
- ALL EXCAVATIONS SHALL WHERE NECESSARY BE TIMBERED
AND STRUTTED AND SECURED TO PREVENT MOVEMENT OF THE
SURROUNDING GROUND AND SAFETY OF THE BUILDING AND
ADJACENT PROPERTIES BEFORE IT IS SUPPORTED BY PERMANENT
WORK. PRECAUTIONS ARE TO BE TAKEN TO KEEP EXCAVATIONS
FREE FROM WATER. THE BOTTOM OF EXCAVATIONS SHALL BE
SEALED WITH CONCRETE IMMEDIATELY AFTER INSPECTION HAS
SHOWN IT TO BE SATISFACTORY.
- WITH THE ADDITION OF FANS A GAS SPILLAGE TEST SHOULD
BE CARRIED OUT BY A SPECIALIST CONTRACTOR.
- NEW REQUIREMENTS UNDER PART 1 OF THE BUILDING REGULATIONS
WILL NOW ENCOMPASS OVERALL SYSTEM PERFORMANCE.
REFER TO NOTES ON COMMISSIONING OF HEATING SYSTEM.
- ANY ADDITIONAL WORK DONE BY OTHER PARTIES IN REGARDS TO
THIS PROJECT MUST BE APPROVED BY BUILDING AUTHORITY.
- GENERALLY ANY DEPARTURE FROM THE APPROVED PLAN MAY
REQUIRE A RE-SUBMISSION FOR BUILDING REG. OR PLANNING
APPROVAL. IT IS ADVISED THAT WORK STOPS UNTIL ANY SUCH
APPROVAL IS OBTAINED.
- DO NOT ASSUME THAT PLANNING PERMISSION FOR VARIATIONS WILL
AUTOMATICALLY BE GIVEN. ASSUME FORMAL RE SUBMISSIONS.
- GENERALLY ALL ELEMENTS OF STRUCTURE TO BE MIN. 1/2hr FR.
- IN THE EVENT THAT ROOF LIGHTS ARE BEING INSTALLED, THE
BUILDER SHALL ENSURE THAT THE ROOF LIGHT SELECTED IS
SUITABLE FOR THE ACHIEVED ROOF PITCH ANGLE.
DIFFERENT PITCH ANGLES REQUIRE A SPECIFIC TYPE OF ROOF
LIGHT AND INSTALLATION REQUIREMENTS.
FOR PLANNING PERMISSION REQUIREMENTS THE ROOF LIGHT
PROJECTION FROM THE ROOF SHALL BE LESS THAN 150mm.
- ALLOWABLE 'U' VALUES (EXTRACTS FROM AD L1b)
PITCH TILED ROOF 0.15 W/sqmK
EXPOSED PERIMETER WALL 0.18 W/sqmK
MULTIPLE GLAZE WINDOW 1.40 W/sqmK
GLAZED DOORS 1.40 W/sqmK
GROUND FLOORS 0.18 W/sqmK
- LIGHTING
ENERGY EFFICIENT LIGHT FITTINGS TO BE INSTALLED
ON THE BASIS OF THREE PER FOUR FIXED LIGHTING
FITTINGS.
- SMOKE DETECTION ∇SD
SMOKE DETECTORS TO BE INSTALLED ON ALL FLOORS
AND SHOULD BE WIRED DIRECT FROM CONSUMER UNIT
AND BE INTERLINKED WITH BATTERY BACK UP.

ELECTRICAL SAFETY IN DWELLINGS

ALL WIRING AND ELECTRICAL WORK MUST BE DESIGNED, INSTALLED
AND TESTED WITH THE REQUIREMENTS OF BS7671, THE IEE 18th
EDITION WIRING GUIDANCE AND BUILDING REGULATIONS PART P.
ON COMPLETION OF THE WORKS A COPY OF THE INSTALLERS
ELECTRICAL INSTALLATION / TEST CERTIFICATE COMPLIANT WITH
BS7671 IS TO BE PROVIDED TO THE CLIENT AND LOCAL AUTHORITY.
PRIOR TO COVERING ALL WIRING/CABLES THE APPLICANT AND/OR
INSTALLER IS TO ENSURE THAT THE INSTALLATION IS INSPECTED
BY A COMPETANT PERSON AND ON COMPLETION OF THE WORK,
IN ADDITION TO THE INSTALLATION CERTIFICATE, AN ADDITIONAL
COMPETANT PERSONS ELECTRICAL INSTALLATION TEST CERTIFICATE
COMPLIANT WITH BS7671 IS TO BE PROVIDED TO THE CLIENT
AND LOCAL AUTHORITY.

BALANCED FLUE BOILER DETAILS.

IN THE EVENT OF A NEED TO REPLACE OR PROVIDE
A NEW BOILER, NEW REGULATIONS ARE APPLICABLE.
THE BOILER/GAS APPLIANCE WITH BALANCED FLUE
AND A CAPACITY OF 7-14kW WILL REQUIRE CLEAR
600mm AIR SPACE AROUND THE FLUE OUTLET.
OTHER TYPES OF GAS APPLIANCES ARE AFFECTED
AND IT IS ADVISABLE THAT THE MANUFACTURERS
SPECIFICATIONS BE ADHERED TO. ALTERNATIVELY
REFER BACK TO ARCHITECT PRIOR TO INSTALLATION.
ANY REPLACEMENT BOILER TO BE CONDENSING TYPE.
IF A NEW BOILER IS INSTALLED THEN PROVIDE A
CO2 ALARM IN THE ROOM WHERE THE BOILER IS
INSTALLED. ALARM WIRED TO THE MAIN FUSE BOX.

COMMISSIONING OF HEATING SYSTEMS

THE SPACE HEATING AND HOT WATER SYSTEM MUST BE INSPECTED
AND COMMISSIONED TO ENSURE THE RELEVANT REQUIREMENTS OF
L1(b) AND (a) HAVE BEEN COMPLIED WITH. UPON COMPLETION OF
THE INSTALLATION THE PERSON RESPONSIBLE FOR ACHIEVING THE
COMPLIANCE MUST PROVIDE THE CLIENT AND THE COUNCIL WITH A
CERTIFICATED STATING THAT SUCCESSFUL COMMISSIONING HAS
BEEN CARRIED OUT. THE PERSON GIVING THE CERTIFICATE MUST
HAVE A RECOGNISED QUALIFICATION.

THE COMBUSTION INSTALLATION MUST BE CHECKED BY QUALIFIED
INSTALLER AND A REPORT DRAWN UP SHOWING THAT MATERIALS
COMPONENTS AND FLUES HAVE PASSED RELEVANT TESTS. REPORT
COPIES TO BE GIVEN TO CLIENT AND THE COUNCIL.
FOR THE PURPOSES OF DETERMINING THAT THE COMBUSTION
APPLIANCES CAN BE SAFELY INSTALLED, WHERE A HEARTH AND
FIREPLACE OR CHIMNEY IS PROVIDED OR EXTENDED A DURABLE
NOTICE CONTAINING INFORMATION ON THE PERFORMANCE OF HEARTH
FIREPLACE OR CHIMNEY MUST BE AFFIXED IN A SUITABLE PLACE
WITHIN THE BUILDING.

THE OWNER/OCCUPIER OF THE BUILDING MUST BE PROVIDED WITH
SUFFICIENT INFORMATION WITH THE RELEVANT SERVICES SO
THAT THE BUILDING CAN BE OPERATED AND MAINTAINED IN SUCH
A MANNER AS TO USE NO MORE ENERGY THAN IS REASONABLE IN
THE CIRCUMSTANCES.

ROOM VENTILATION (HABITABLE ROOMS)

PURGE VENTILATION - VIA DOOR OR WINDOW
OPENING AT LEAST 1/20th FLOOR AREA.
WINDOWS TO OPEN MORE THAN 30deg. SEE
ALSO ESCAPE WINDOW SIZES.
BACKGROUND VENTS OF MINIMUM 8000sq mm.
eg. TRICKLE VENTILATOR.

WHERE A HABITABLE ROOM EXTENDS. IS ONTO
ANOTHER ROOM THEN THE FLOOR AREAS OF
EACH OF THE AFFECTED ROOMS ARE TO ADDED.
WHERE A CONSERVATORY IS ADDED THEN SEE
NOTES ON THE FLOOR PLAN DETAIL.

ROOM VENTILATION (UTILITY ROOM)

MECHANICAL EXTRACT VENTILATION FOR RAPID
VENTING AT A RATE OF 30L per sec. WITH
INTERMITTENT OPERATING & 15mins. OVERRUN.
BACKGROUND VENTS OF MINIMUM 8000sq mm.
eg. TRICKLE VENTILATOR.

ROOM VENTILATION (KITCHEN)

MECHANICAL EXTRACT VENTILATION FOR RAPID
VENTING, AT A RATE OF 60L per sec. (OR 30L
per sec. IN COOKER HOOD). AND
BACKGROUND VENTS OF MINIMUM 8000sq mm.
eg. TRICKLE VENTILATOR.

ROOM VENTILATION (TOILET)

MECHANICAL EXTRACT VENTILATION FOR RAPID
VENTING, AT A RATE OF 60L per sec. WITH
INTERMITTENT OPERATING & 15mins. OVERRUN.

ROOM VENTILATION (BATH/SHOWER ROOM)

MECHANICAL EXTRACT VENTILATION FOR RAPID
VENTING, AT A RATE OF 15L per sec. WITH
INTERMITTENT OPERATING & 15mins. OVERRUN.

SCALE



KEITH SWAIN DESIGN

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DRAWING NUMBER

P13778

PROPOSED DEVELOPMENT

CONSTRUCTION DETAILS

FOR
KITCHEN, LOUNGE, BEDROOM & PORCH EXTENSION
AT
44 ROSSALL AVENUE
RATCLIFFE, M26 1JD

SCALE 1 : 50

sht 2