

DRAINAGE ABBREVIATION

RWG -- RAIN WATER GULLY
 BIG -- BACK INLET GULLY
 HAG -- HORIZONTAL ACCESS GULLY
 DRP -- DRAIN RODDING POINT
 SVP -- SOIL AND VENT PIPE
 SS -- STUB 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.

ESCAPE WINDOW SIZE
 WHERE ESCAPE WINDOWS ARE NEEDED, THE OPENINGS FOR ESCAPE PURPOSES SHOULD BE EQUAL TO 0.33sqm WITH A WINDOW BOARD HEIGHT 800 TO 1000 FROM FLOOR LEVEL. THE MIN. CLEAR HEIGHT TO BE 450mm OR THE MIN. CLEAR WIDTH TO BE 450mm.

PROPOSED GROUND FLOOR PLAN

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 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 INTEGRATED 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 (ICs) TO BE PROVIDED AT BENDS, CHANGES OF GRADIENTS, CHANGE OF PIPE SIZE, AND AT THE HEAD OF A LONG DRAIN RUN. NOTE THAT ICs 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 INSPECTOR.

WASTE PIPES.

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

RAIN WATER GOODS.

SURFACE WATER TO DISCHARGE FROM ANY NEW ROOF INTO 100 1/2RD GUTTER AND 63dia DOWN PIPE.
 PIPES AND GUTTERS MADE OF DURABLE PLASTIC AND BE FIRMLY SUPPORTED AND REMAIN WATER TIGHT.

LOFT INSULATION OVER CEILING

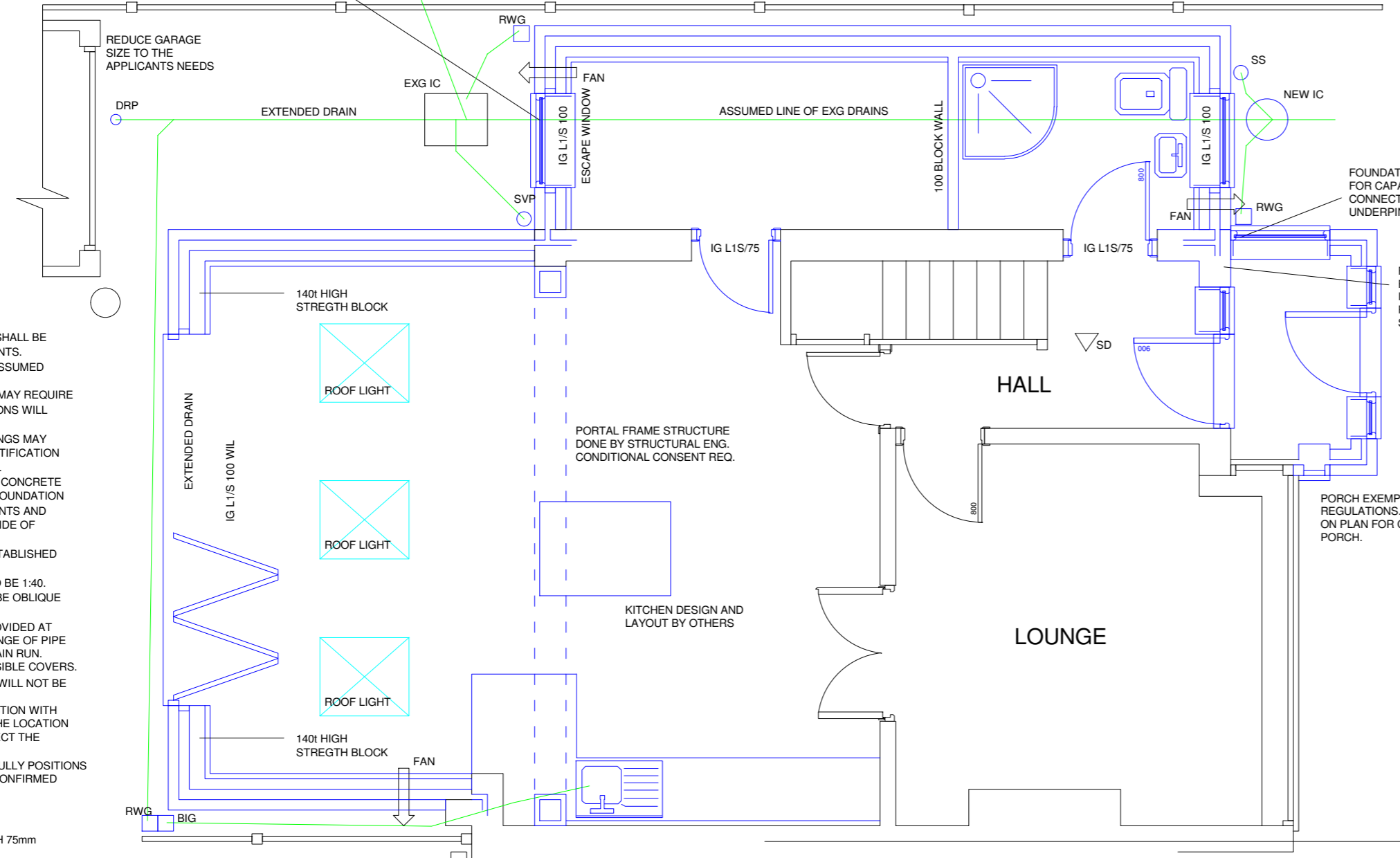
INSULATION BETWEEN & OVER CEILING JOISTS USE EARTHWOOL OR ROCKWOOL ROLL 125mm BETWEEN AND 170-200mm OVER

INNER & OUTER SURFACES	= 0.18
INSULATION 0.3/0.035	= 8.57
PLASTER BOARD CLG 0.013/0.16	= 0.08
U VALUE ACHIEVABLE	= 8.83

50x100 C16 WALL PLATE POSSIBLY FIXED TO HOUSE WALL VIS M12 RESIN ANCHORS SET AT A PREPARED 400cRS. RAFTERS TO HAVE 'BIRDS MOUTH' SEATING ONTO WALL PLATES. WALL PLATES TO BE STRAPPED DOWN TO WALL AT NOT MORE THAN 1500cRS CAVITY TRAY AND CODE 4 LEAD FLASHING FOR CROSS FLOW VENTILATION USE MONO VENT OR VENT TILES AT 800cRS SELECT TILES FROM THE LIST

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 7.4kW 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. ANY WORKS TO BOILER FLUE AND OUTLET TO BE DESIGNED, INSTALLED, TESTED AND CERTIFIED BY GAS SAFE REGISTERED CONTRACTOR.



CAVITY WALL SPECIFICATION.

OUTER LEAF OF BWK. AN INSULATED CAVITY WALL WITH INTERNAL PIR INSULATION & PL BOARD ON DABS. OUTER LEAF MAY BE SUBJECT TO PLANNING CONDITIONS. CAVITY WALL BELOW DPC TO BE OF BWK, CONC. BWK, DENSE CONC. BLOCK OR 4m TRENCH BLOCK. CAVITY BELOW DPC TO BE FILLED WITH CONCRETE TO 25mm BELOW DPC LEVEL. 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 0.15w/sqm

NEW CAVITY WALL

102.5mm OUTER LEAF 20N BWK	= 0.1364
100mm PIR FILLED CAVITY	= 0.1800
100mm THERMAL BLOCK (OR 140t THERMAL BLOCK)	= 3.125
FULL FILL CELLOTEX PIR INSULATION	= 0.6667
40mm PIR INNER WITH 12.5 PL BD	= 1.7390
BRICK LEAF 102.5mm 0.1025/0.77	= 0.0694
INNER SURFACE	= 0.1800
CAVITY INSULATION 0.100/0.032	= 3.125
INTERNAL THERMAL BLK 0.100/0.15	= 0.6667
INNER INSULATION PIR 0.040/0.023	= 1.7390
PLASTER BOARD 0.0125/0.18	= 0.0694
U VALUE ACHIEVABLE	= 0.169w/sqm

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.

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. FOR END BEARING OF 100mm THE ENDS ARE TO BE FILLED WITH CONCRETE FOR A DEPTH OF 150mm. INSIDE OF BEAMS TO BE FILLED WITH FIBREGLASS INSUL.

BEAM AND STRUCTURAL NOTE

FOR STRUCTURAL CALCULATION PURPOSES ALL THE MAJOR STEEL AND/OR TIMBER BEAMS WHICH 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 CALCUS MAY SHOW A DIFFERENT TIMBER SPAN FOR THE PURPOSES OF CALCULATING WORST CASE LOADING PATTERNS. DEPARTURES FROM APPROVED CALCULATIONS ARE NOT PERMITTED. WHERE BEAMS ARE LOCATED FOUNDATIONS SHOULD BE SHOWN TO BE ADEQUATE. REQUIRES BCO INSPECTION. NOTE THAT WHERE A BEARING SIZE IS GIVEN THEN THAT IS THE MINIMUM PERMITTED AND THAT THE CONTRACTOR SHALL WHERE SPACE IS AVAILABLE FIT A LARGER SIZE PADSTONE. 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.

INSULATED GROUND FLOOR

NON-GAS RESISTING WITH 'U' < 0.25w/sqm THICK UNDER SLAB INSULATION REQUIRES 200mm THICK OVERSITE HARCOCRE FULLY COMPACTED. LEVELLED WITH BLINDING SAND. 1200 DPM LAID OVER AND LAPPED UP SIDES AND LAPPED WITH DPC. FOR MOST APPLICATIONS P/A LESS THAN 1. INSULATION TO BE CELOTEX GA4000 100 PIR WITH 25mm PERIMETER UPSTAND. (KINGSPAN K103 100mm WITH SAME UPSTAND) WITH VERTICAL STRIPS OF CUT BOARD TO FIT AROUND THE PERIMETER TO STOP THERMAL BRIDGE. NEVER INSTALL INSULATION BELOW DPM. LAY A SEPARATING LAYER OF 500g DPM OVER THE BOARDS. POUR CONCRETE SLAB TO 150mm THICK ALLOWING FOR SURFACE FINISHES OR LEVELLING COMPOUND.

STRIP FOUNDATION

GENERALLY IN ACCORDANCE WITH APPROVAL DOC 'A'. CONCRETE STRIP TO NEW BWK AND BLOCK WALLS. BCO INSPECTIONS APPLY IN RESPECT TO DEPTH FOR FROST AVOIDANCE AND FIELD TESTS FOR THE DETERMINATION OF EXCAVATION DEPTH REQUIREMENT ONTO SUITABLE SUB-STRATA THAT IS BELOW LEVEL OF ANY ADJACENT DRAINS AND AWAY FROM INFLUENCE OF ANY TREES SHOULD ANY EXIST CLOSE BY. EXCAVATION DEPTH IS IN RELATION TO THE GROUND LEVEL AND NOT DPC OR FORMATION LEVEL. FOUNDATION MUST BE SUITABLE FOR CARRYING A TWO STOREY DEVELOPMENT. MINIMUM STRIP SIZE SHALL BE 600mm x 200mm, BUILDER TO CONSULT WITH BUILDING CONTROL PRIOR TO ANY EXCAVATING TO ESTABLISH THE STRATA STABILITY & THE LOCAL GROUND CONDITIONS. TRIAL TEST HOLES SHALL BE DRUG & A DETERMINATION MADE IN REGARDS TO THE FOUNDATION REQUIRED. DO NOT UNDERMINE ANY ADJACENT FOUNDATIONS AND REFER TO MATTERS CONCERNING PARTY WALL ACT FOR THIS SITE. SPECIAL CARE SHOULD BE EXERCISED WHEN EXCAVATING ADJACENT TO OR CLOSE BY AND OTHER BUILDING OR STRUCTURE. BUILDER SHOULD SEEK EXTRA ADVICE FOR LAYING FOUNDATIONS IN MULTIPLE STAGES. IF SPECIAL FOUNDATIONS ARE REQUIRED OTHER THAN STRIP FOUNDATIONS THEN DIFFERENT PROCEDURES WILL APPLY IE. SOIL SURVEY, GROUND SURVEY, BORE HOLE SURVEY ETC. WORK MUST NOT PROCEED UNTIL LOCAL AUTHORITY HAVE APPROVED SPECIAL FOUNDN' PROPOSALS.

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 THE FLOOR AREAS OF EACH OF THE AFFECTED ROOMS ARE TO BE 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 6L 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.

GLAZING REQUIREMENTS

SAFETY GLASS TO BE USED BETWEEN FINISHED FLOOR LEVEL AND 1500mm ABOVE THAT LEVEL. 'U' VALUE TO BE AT LEAST 1.6 IN UPVC WINDOWS AND/OR DOORS. DOUBLE GLAZING WITH 16mm PANE GAP AND LOW 'E' (en = 0.05) FOR PVC-U WINDOWS AND/OR DOORS. ALL GLAZING WITHIN CRITICAL LOCATIONS MUST SATISFY APPROVAL DOCUMENT 'K'.

THERMAL BRIDGE LIMITATION

REVEALS TO LINTELS, JAMBS AND SILLS ARE TO BE INSULATED. BOW LINTELS TO BE FILLED WITH INSULATION. FRAMES AND SILLS TO OVERLAP THE BLOCKWORK WHERE POSSIBLE BY 30mm min. INTERNAL FACES OF STEEL LINTELS ARE TO BE COVERED WITH 20mm PLASTER BOARD AND 5mm PLASTER SKIM FINISH. THERMAL CONDUCTIVITY OF BLOCKWORK NOT TO EXCEED 0.16w/mk.

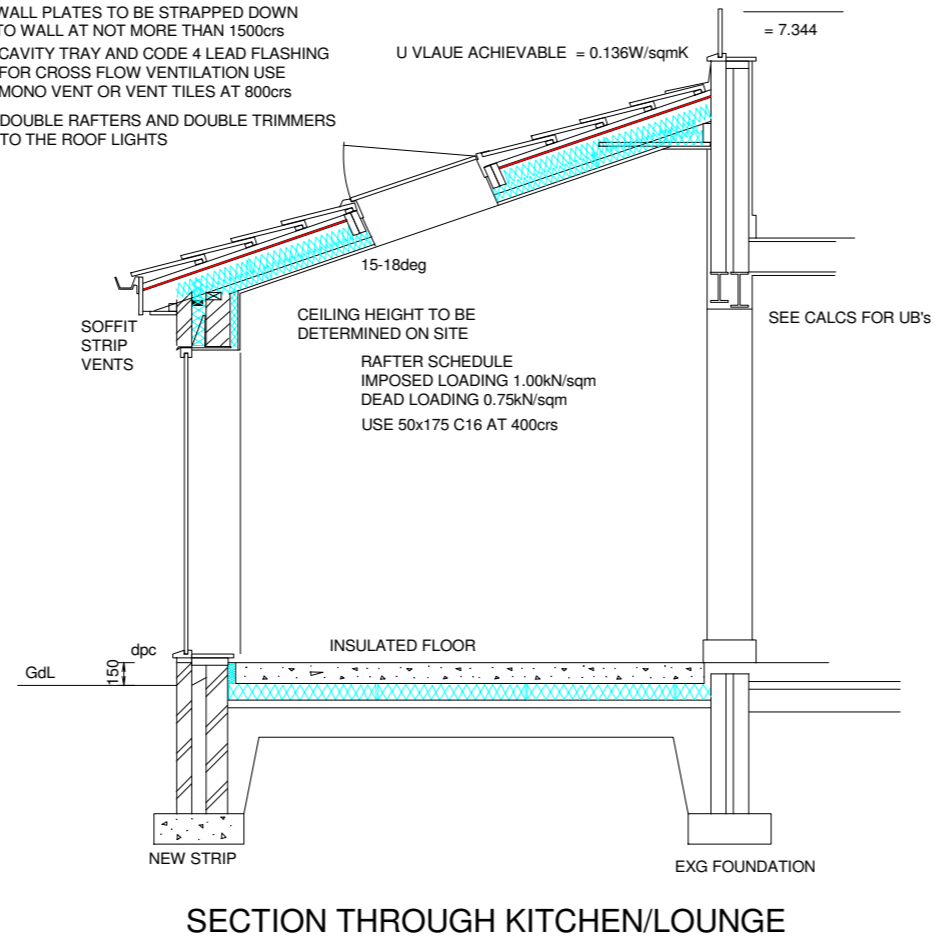
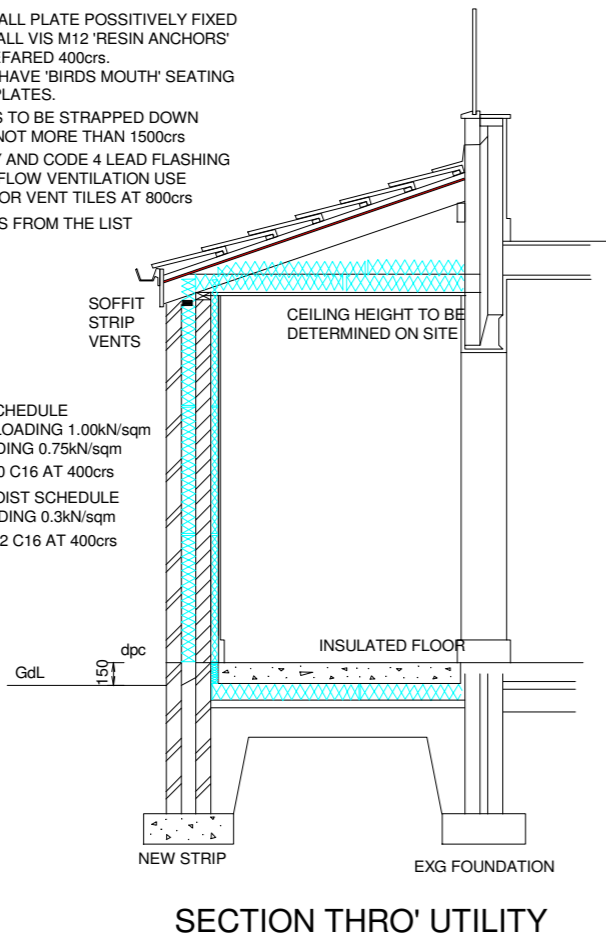
STRUCTURAL USE OF TIMBER

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 AND C24 FOR STRUCTURAL MEMBERS AND AS DIRECTED BY ANY SUPPORTING CALCUS. TIMBER SUPPLIES SHALL BE STAMPED 'DRY' or 'KD' AND 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.

PITCH ROOF CONSTRUCTION

SELECT TILES FROM LIST PROVIDED & FIX ON 38x25 TANALISED BATTENS. ON ONE LAYER KINGSPAN MILVENT BREATHABLE MEMBRANE INSULATION BETWEEN AND OVER CEILING JOIST EARTHWOOL 100mm BETWEEN AND 170mm OVER ROCKWOOL 100mm BETWEEN AND 170mm OVER CEILING SOFFITS 12mm PLASTER BOARD & 'ARTEX' FINISH. INSULATION LOCATED NOT TO OBSTRUCT CROSS FLOW VENTILATION WHICH IS PROVIDED BY VENT TILES EQUAL TO 25mm CONTINUOUS. EAVES OPENING AND 25mm SOFFIT STRIP VENTS. BUILDER IS TO ESTABLISH PRECISE ACHIEVABLE PITCH BEFORE BUYING AND/OR LAYING TILES. REFER TO ARCHITECT IF IN DOUBT. NOTE THAT WHERE THERE IS AN ANGLED CEILING THEN THIS MUST BE INSULATED AND A 50mm AIR SPACE PROVIDED FOR CROSS FLOW VENTILATION. USE CELOTEX 100mm BETWEEN RAFTERS AND 35mm ALTERNATIVELY USE FULL FILL KINGSPAN K7 INSULATION BETWEEN RAFTERS WITH NILVENT BREATHABLE MEMBRANE AND 38x38 COUNTER BATTENS. NOTE USE K7 OR SUITABLE EQUIVALENT.

- 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 EXTENSIONS TO BE ENCASED IN 150mm CONCRETE. SEE ADDITIONAL NOTES ON DRAINS ON PLAN.
 - ANY ADDITIONAL INSPECTION CHAMBER TO BE EITHER PLASTIC MANHOLE OR PRE-CAST CONCRETE CONSTRUCTION. NON-VENT COVER, STEP IRONS AS NEEDED & SMOOTH IMPERVIOUS BENCHG.
 - NEW DRAINS TO BE SUITABLE 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.
 - WASTE PIPES TO NEW SINKS, BATHS OR SHOWERS TO BE 50dia AND HAVE 75mm DEEP SEAL TRAPS.
 - HORIZONTAL AND VERTICAL DPC TO NEW OPENINGS.
 - STEEL 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 900cRS AND STAGGERED EVERY 3rd COARSE OF BRICK WORK.
 - MILD STEEL ROOF AND FLOOR LATERAL SUPPORTS ON 1m cRS.
 - NEW CAVITY WALL RETURNS GENERALLY 665mm min.
 - ALL NEW BWK/BLOCK NIBS TO BE ON A CONCRETE FOUNDATION.
 - ALL ABUTMENTS OF NEW ROOFS AND WALLS ARE TO BE LEAD FLASHED (STEPPED LINEAR) WITH BRICK & LEAD AND WHERE NECESSARY CAVITY TRAYS INSTALLED.
 - UNLESS OTHERWISE STATED ALL CODE AND BLOCK WORK TO BE FULLY KEYS TO EXISTING WALLS.
 - EXPOSED TIMBERS TO BE TREATED WITH PRESERVATIVE.
 - THE CONTRACTOR SHALL CHECK ALL DIMENSIONS & CONDITIONS PRIOR TO COMMENCEMENT OF WORK. 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 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 L 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 THE LOCAL 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.
 - ALL ELEMENTS OF STRUCTURE TO BE 1/2hr FIRE RESISTING.
 - ENSURE THAT THE PROJECT WHEN COMPLETED HAS APPROPRIATE AND COMPLIANT MEANS OF ESCAPE IN THE EVENT OF FIRE.
 - 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 ANGLE REQUIRE A SPECIFIC TYPE OF ROOF LIGHT. FOR PLANNING PERMISSION REQUIREMENTS THE ROOF LIGHT PROJECTION FROM THE ROOF SHALL BE LESS THAN 150mm.
 - ALLOWABLE 'U' VALUES (EXTRACTS FROM AD L1B)



USE THIS SCALE BAR FOR DIMENSION REFERENCING.



WORK MUST NOT BEGIN UNTIL APPROVAL FROM LOCAL AUTHORITY

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DRAWING NUMBER **P13723**

PROPOSED DEVELOPMENT
GROUND FLOOR EXTENSION
 AT
44 QUEENS DRIVE
ST HELENS, WA10 6HF

SCALES **1 : 50** sht 2