GENERAL NOTES

STRIP FOOTINGS
NEW CAVITY WALLS ARE TO HAVE 600x225mm MASS CONCRETE STRIP FOOTINGS, CONCRETE MIX TO BE GEN 3 IN ACCORDANCE WITH BS5328 PT 1, MINIMUM 750mm DEEP MEASURED FROM GROUND LEVEL TO UNDERSIDE OF STRIP OR TAKEN DOWN TO AT LEAST THE UNDERSIDE OF THE EXISTING STRIP FOOTINGS OR ANY EXISTING INFLUENCING DRAINS WHICHEVER IS DEEPER. STRIP FOOTINGS IF NECESSARY ARE TO BE TAKEN DOWN IN LEAN MIX CONCRETE TO GROUND WITH A SUITABLE LOAD BEARING CAPACITY AND TO THE SATISFACTION OF THE VISITING BUILDING INSPECTOR.

NOTE
PRIOR TO ANY WORK BEING CARRIED OUT EXISTING FOOTINGS ARE TO BE EXPOSED TO DETERMINE FOUNDATION DESIGN. IF EXISTING FOUNDATIONS ARE OF RAFT/PILED CONSTRUCTION THEN A NEW RAFT/PILED FOUNDATION/FLOOR IS TO BE DESIGNED TO SUIT THE NEW EXTENSION.
ALL DESIGN CALCULATIONS BAR SCHEDULES ETC ARE TO BE SUBMITTED TO THE APPROVED BUILDING INSPECTOR FOR APPROVAL.

GROUND FLOOR
100mm THICK CONCRETE SLAB ON DPM ON 100mm THICK 'CELOTEX FR5000' OR EQUAL HIGH PERFORMANCE FLOOR INSULATION ON 1200g VISQUEEN DPM ALL LAPS AND JOINTS SEALED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS ON MINIMUM 150mm THICK WELL COMPACTED FINES BLINDED SUB BASE. INSULATION IS TO BE TURNED UP AT EDGES OF FLOOR SLAB. DPM IS TO BE TURNED UP FACE OF BLOCKWORK AND LAPPED WITH THE DPC TO INNER LEAF OF BLOCKWORK.
FLOOR IS TO HAVE A FLOAT FINISH.
VENTILATION FROM ANY EXISTING SUSPENDED FLOORS IS TO BE EXTENDED AS REQUIRED UNDER NEW CONCRETE SLAB USING MIN 100mm# DUCTS
NO INSULATION IS REQUIRED BELOW GARAGE FLOOR SLABS. GARAGE FLOOR SLAB TO BE 150mm THICK
ALL TO ACHIEVE A U-VALUE OF 0.22W/m2K

CAVITY WALL CONSTRUCTION
CAVITY WALLS ARE TO BE CONSTRUCTED USING NEW FACING BRICKS/RENDERED BLOCKWORK TO TO MATCH EXISTING, 100mm WIDE CAVITY WITH 100mm THICK FULL FILL 'KNAUF DRITHERM' OR EQUAL INSULATION, 100mm THICK AIRCRETE 'THERMOLITE' OR EQUAL BLOCKWORK INNER LEAF WITH A MINIMUM CRUSHING STRENGTH OF 3.5N, FINISHED INTERNALLY WITH 12.5mm THICK PLASTERBOARD ON DABS. ALL TO ACHIEVE A U-VALUE OF 0.28W/m2K.
225mm LONG STAINLESS STEEL CAVITY WALL TIES TO BS1243 ARE TO BE SPACED AT 750mm HORIZONTAL AND 450mm VERTICAL CENTRES AND AT 225mm VERTICAL CENTRES AT MAX 150mm AWAY FROM JAMBS OF STRUCTURAL OPENINGS.
ALL CAVITIES ARE TO BE KEPT CONTINUOUS. CAVITY AT EAVES LEVEL TO BE CLOSED WITH 'MASTERBOARD' OR EQUAL.
CAVITY AT REVEAL POSITIONS ARE TO BE CLOSED USING THERMABATE OR EQUAL CAVITY CLOSERS.
WEEP HOLES TO EVERY 4th PERPENDICULAR JOINT ABOVE WINDOW OPENINGS AND AT EXTERNAL GROUND LEVEL.
DPC's AT GROUND FLOOR LEVEL. WEAK MIX CAVITY FILL UP TO ONE COURSE BELOW EXT GROUND LEVEL. CAVITY IS TO EXTEND DOWN MINIMUM 225mm BELOW LOWEST DPC.

INTERNAL PARTITIONS (TIMBER/METAL FRAME)
PARTITIONS TO COMPRISE OF 12.5mm PLASTERBOARD AND SKIM TO EACH SIDE OF 75x50mm TREATED SOFTWOOD STUDS AT 600mm CENTRES, 75x50mm SOFTWOOD HEAD AND SOLE PLATES WITH SIMILAR SIZE SOFTWOOD NOGGINS AT MAXIMUM 1200mm CENTRES. PROVIDE 12mm THICK PLYWOOD PATRESSES AS REQUIRED BEHIND PLASTERBOARD FOR HANGING RADIATORS ETC. THE VOIDS OF THE PARTITIONS ARE TO BE FILLED WITH 75mm 'ROCKWOOL' WALL BATTS TO PROVIDE SOUND INSULATION. FLOOR JOISTS BELOW ANY PARTITION RUNNING PARALLEL ARE TO BE TRIPLED UP.

FIRST FLOOR CONSTRUCTION
FIRST FLOOR TO COMPRISE OF MIN 22mm THICK T&G FLOORING GRADE CHIPBOARD ON MIN 195x50mm C16 FLOOR JOISTS. FLOOR JOISTS AT 400mm CENTRES. JOISTS ARE TO BE BUILT INTO NEW INNER LEAF OF CAVITY WALLS AS WORK PROCEEDS.
ALL BRACING AND JOISTS BELOW PARTITIONS AS DESIGNED BY JOIST MANUFACTURER.
*UNDER SIDE OF FLOOR JOISTS TO GARAGE AREAS ARE TO BE LINED WITH 2 LAYERS OF 12.5mm PLASTERBOARD WITH STAGGERED JOINTS TO PROVIDE MINIMUM HALF HOUR FIRE RESISTANCE BETWEEN THE GARAGE AND THE FLOOR ABOVE. 50mm THICK 'CELOTEX XR4000' AND 100mm 'ROCKWOOL ROLL' ARE TO BE FIXED BETWEEN THE JOISTS OVER THE GARAGE AREA
ALL TO ACHIEVE A U-VALUE OF 0.22W/m2K.
*UNDERSIDE OF JOISTS BETWEEN ROOMS ARE TO BE LINED WITH 12.5mm PLASTERBOARD AND SKIM, 100mm THICK INSULATION QUILT TO BE LAID BETWEEN THE JOISTS TO PROVIDE SOUND INSULATION
WHERE FLOOR JOISTS RUN PARALLEL TO THE WALL THEN 30x5mm GALV MS STRAPS ARE TO BE FIXED OVER A MINIMUM OF THREE JOISTS WITH TIMBER NOGGINS BETWEEN AND TO EXTEND DOWN THE CAVITY FACE OF THE BLOCKWORK AT MAX 1200mm CRS.
FINISHED FLOOR LEVEL IS TO MATCH EXISTING HOUSE.

ROOF CONSTRUCTION (VAULTED CEILING)
ROOF TO COMPRISE OF CONCRETE TILES/SLATE SET TO THE REQUIRED PITCH WITH MINIMUM 100mm HEAD LAP ON 50x25mm TREATED SW BATTENS SET AT GAUGE TO SUIT ROOF PITCH AND TILE/SLATE SIZE ON BREATHABLE SARKING FELT 'TYVEC SUPRO' OR EQUAL LAID DIRECTLY ON TO 195x50mm C16 SW TIMBER RAFTERS AT 400mm CENTRES.
RAFTERS ARE TO BE NOTCHED OVER AND SECURED TO 100x75mm SW WALL PLATE FIXED TO INNER LEAF OF BLOCKWORK WITH 30x5mm GALVANISED MS STRAPS AT 900mm CENTRES.
TOP END OF RAFTERS TO BE NOTCHED OVER AND SECURED TO 195x50mm HEAD PLATE BOLTED TO WALL AT 400mm CRS OR SECURED HEAD PLATE BOLTED TO TOP/WEB OF STEEL RIDGE.
RAFTERS ARE TO PROVIDE LATERAL RESTRAINT TO WALLS WHERE APPROPRIATE BY MEANS OF 30x5mm GALVANISED MS STRAPS AT 1200mm CENTRES WHICH EXTEND OVER 3No. RAFTERS WITH NOGGINS BETWEEN AND EXTEND DOWN THE BLOCKWORK FACE IN THE CAVITY.
INTERNAL FINISH IS TO COMPRISE OF 12.5mm PLASTERBOARD AND SKIM ON 40mm THICK 'CELOTEX PL4000' RIGID INSULATION OR EQUAL FIXED TO UNDERSIDE OF RAFTERS.
ROOF TO BE INSULATED USING 120mm THICK 'CELOTEX XR4000' OR EQUAL FIXED BETWEEN THE RAFTERS.
ALL TO ACHIEVE A U-VALUE OF 0.18W/m2K.
50mm CLEAR VOID BETWEEN THE UNDERSIDE OF ROOFING FELT AND TOP OF RIGID INSULATION BOARD.
VENTILATION IS TO BE PROVIDED AT EAVES LEVEL BY MEANS OF A PROPRIETARY EAVES VENTILATOR EQUAL TO A CONTINUOUS 25mm GAP, INSULATION IS TO BE PREVENTED FROM BLOCKING THE THROUGH VENTILATION BY USING RAFTER VENTILATORS FIXED BETWEEN THE RAFTERS.
VENTILATION IS TO BE PROVIDED AT RIDGE LEVEL BY MEANS OF PROPRIETARY RIDGE TILE VENTILATORS EQUAL TO A CONTINUOUS 5mm GAP.
NEW UPVC FASCIAS AND SOFFITS.
VALLEY WHERE APPLICABLE TO BE CONSTRUCTED AS FOLLOWS 'KLOBER' OR EQUAL GRP VALLEY TROUGH FIXED TO 38x25mm VALLEY BATTENS AND SUPPORTED ON 19mm PLY FIXED BETWEEN RAFTERS ON 38x25mm NOGGINS FIXED TO RAFTERS. MINIMUM 125mm BETWEEN CUT TILES FORMING OPEN CHANNEL AT VALLEY POSITION, CUT TILES ARE TO BE BEDDED ON MORTAR.

NOTE
LOW PITCH ROOF SHOULD USE 'KLOBER PERMO EXTREME RSK2' OR EQUAL PERMEABLE BONDABLE UNDERLAY IN LIEU OF SARKING FELT. INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS FOR ROOF PITCHES DOWN TO 10°.

WINDOWS AND GLAZING
ALL NEW WINDOWS AND DOORS ARE TO BE PVCU FITTED WITH SEALED DOUBLE GLAZED UNITS COMPRISING OF 4mm OUTER PANE, 16mm AIR GAP AND 4mm LOW EMISSIVITY 'PILKINGTON K' OR EQUAL INNER PANE. GLAZING IS TO HAVE A CENTRE PANE U-VALUE OF 1.2W/m2K AND THE WINDOW AS A WHOLE IS TO ACHIEVE A U-VALUE OF 1.6W/m2K. OR WINDOWS WITH A LOW ENERGY RATING BAND D ARE TO BE INSTALLED.
ALL WINDOWS ARE TO HAVE OPENING LIGHTS TO PROVIDE RAPID VENTILATION EQUAL TO 1/20th OF THE FLOOR AREA, AND ARE TO BE FITTED WITH TRICKLE VENTILATORS AT HIGH LEVEL TO PROVIDE BACKGROUND VENTILATION EQUAL TO 8000mm2 TO HABITABLE ROOMS (LIVING ROOMS, DINING ROOMS, BEDROOMS, STUDIES ETC) AND EQUAL TO 4000mm2 TO ALL OTHER ROOMS.
ALL NEW GLAZING IS TO COMPLY WITH THE CURRENT EDITION OF THE APPROVED DOCUMENT PART N. ALL GLAZING BELOW 800mm ABOVE FINISHED FLOOR LEVEL AND TO DOORS AND DOOR SIDE PANELS SHOULD BE TOUGHENED.
ENSURE THE WINDOW MANUFACTURER IS SUPPLYING WINDOWS WHICH MEET THE REQUIREMENTS OF APPROVED DOCUMENT PART L1 2010.

NOTE
LARGE SOUTH FACING WINDOWS ARE TO BE GLAZED WITH 'PILKINGTON ACTIV SUNCOOL' OR EQUAL GLAZING SYSTEM.

TO AID ESCAPE ALL HABITABLE ROOMS (LIVING/DINING/BEDROOMS/STUDY ETC) ARE TO HAVE WINDOWS WITH A CLEAR UNOBSTRUCTED OPENABLE AREA OF AT LEAST 0.33m2 AND AT LEAST 750mm HIGH AND 450mm WIDE. BOTTOM OF OPENING AREA IS NOT TO BE MORE THAN 1100mm ABOVE THE FINISHED FLOOR LEVEL.
THREE STOREY PROPERTIES WITH A PROTECTED FIRE ESCAPE STAIRWELL DO NOT REQUIRE FIRE ESCAPE WINDOWS.

ROOF LIGHTS PITCHED ROOF (WHERE FITTED)
ROOF WINDOWS TO BE 'VELUX' OR EQUAL OR SUIT THE CLIENTS REQUIREMENTS COMPLETE WITH FLASHING KIT FITTED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS WITH LOW EMISSIVITY 'PILKINGTON K GLASS' OR EQUAL DOUBLE GLAZED UNITS TO PROVIDE A U VALUE OF 1.6W/m2K.
EXISTING/NEW RAFTERS TO EITHER SIDE OF NEW ROOF WINDOWS ARE TO BE DOUBLED UP.
VELUX ROOF WINDOWS ARE SUITABLE FOR ROOF PITCH OF 15° OR GREATER IN TILED ROOFS SEE MANUFACTURERS RECOMMENDATIONS.

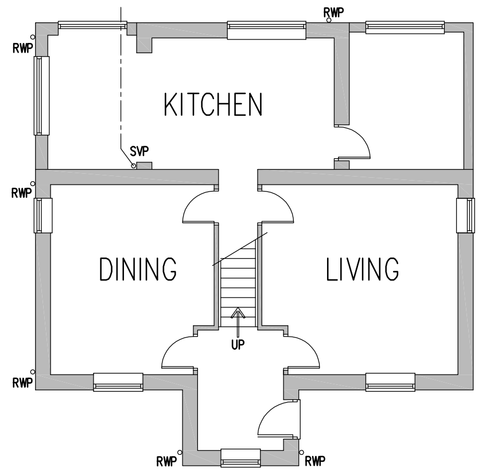
MECHANICAL VENTILATION
MECHANICAL VENTILATION IS TO BE PROVIDED TO KITCHENS, UTILITY ROOMS, BATHROOMS, EN-SUITES, SHOWER ROOMS BY MEANS OF ELECTRIC EXTRACTOR FANS CONTROLLED VIA INDEPENDENT SWITCHES. THE FANS ARE TO BE RATED AT NOT LESS THAN THE FOLLOWING RATES – KITCHENS 60 LITRES/SECOND OR 30 LITRES/SECOND WHEN ADJACENT TO A HOB, UTILITY ROOMS 30 LITRES/SECOND, BATHROOMS/ENSUITS AND SHOWER ROOMS 15 LITRES/SECOND.
EXTRACT FANS LOCATED IN ROOMS WITHOUT OPENING LIGHTS ARE TO BE LINKED TO THE LIGHT SWITCH AND HAVE A MINIMUM 15 MINUTE OVERRUN
ANY NEW/EXISTING OPEN FLUED APPLIANCE SHOULD BE CHECKED BY A GAS SAFE REGISTERED GAS ENGINEER TO ENSURE THE NEW EXTRACT FANS DO NOT INTERFERE WITH ITS SAFE OPERATION.

LINTELS
ALL NEW CAVITY WALL LINTELS ARE TO BE GALVANISED MILD STEEL, FULLY INSULATED 'CATNIC CU OR CG' RANGE OR EQUAL WITH 150mm END BEARING. ALL NEW INTERNAL BLOCK WALL LINTELS ARE TO BE 'NAYLOR RS' OR EQUAL WITH 100mm END BEARING FOR SPANS UP TO 1200mm AND 150mm END BEARINGS FOR SPANS OVER 1200mm.

RAINWATER GOODS
110mm HALF ROUND UPVC RAINWATER GUTTERS TO DISCHARGE INTO 68mm# UPVC RAINWATER PIPES, ALL FIXED WITH SUITABLE CLIPS AND BRACKETS. GUTTERS ARE TO BE LAID TO FALLS TO SUIT MANUFACTURERS RECOMMENDATIONS, DOWN PIPES ARE TO BE FITTED PLUMB.

ABOVE GROUND DRAINAGE
100mm SOIL PIPES WITH 100mm# CONNECTION FROM WC, 40mm# CONNECTION FROM WASH HAND BASIN AND SHOWER WITH 75mm DEEP SEAL TRAPS.
ALL TO BE CLIPPED TO WALL AT LOW LEVEL. RODDING ACCESS TO BE PROVIDED AT CHANGES IN DIRECTION.
100mm# SVP TO CONNECT INTO NEW MANHOLE VIA 100mm# DRAINAGE CONNECTION

DRAINAGE
ANY EXISTING DRAINS PASSING BELOW THE AREA OF THE NEW HOUSE/EXT ARE TO BE INSPECTED AND REPLACED IF FOUND TO BE IN A POOR CONDITION. ALL NEW DRAIN RUNS ARE TO BE EITHER 'HEPWORTH SUPERSLEVE' CLAY OR 'MARLEY' UPVC LAID IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS. ANY NEW OR EXISTING DRAIN PASSING BELOW THE EXTENSION ARE TO BE ENCASED IN IN MINIMUM 150mm CONCRETE WITH MOVEMENT JOINTS AT EVERY JOINT POSITION.
CONCRETE LINTELS ARE TO BE PROVIDED WHERE DRAINS PASS THROUGH CAVITY WALLS AND A 50mm CLEARANCE SHOULD BE MAINTAINED AROUND THE PIPE TO ACCOMMODATE FOR MOVEMENT AND THE OPENING MASKED WITH A SUITABLE RIDGED MATERIAL.
NEW MANHOLES TO BE 'HEPWORTH' PLASTIC TYPE INSTALLED AND BACK FILLED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS OR CONSTRUCTED FROM 215mm THICK CLASS 'B' ENGINEERING BRICK ON 150mm THICK CONCRETE BASE.
ALL NEW MANHOLES ARE TO BE FITTED WITH MEDIUM DUTY COVERS AND FRAMES.



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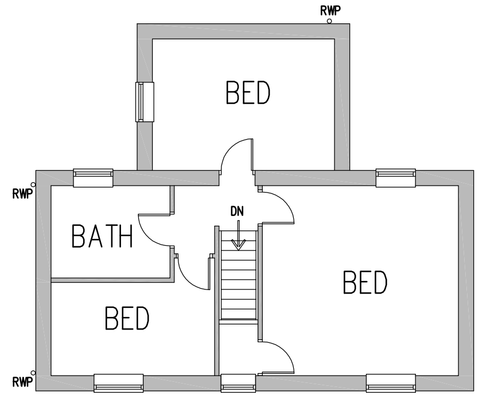

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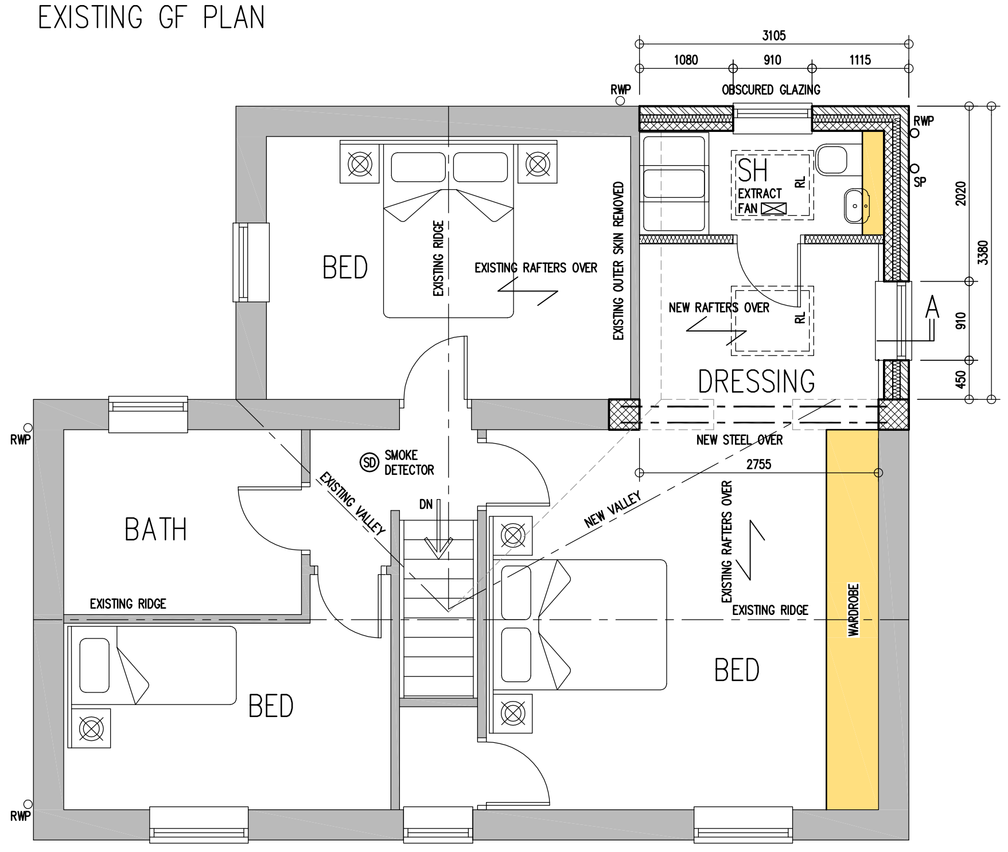
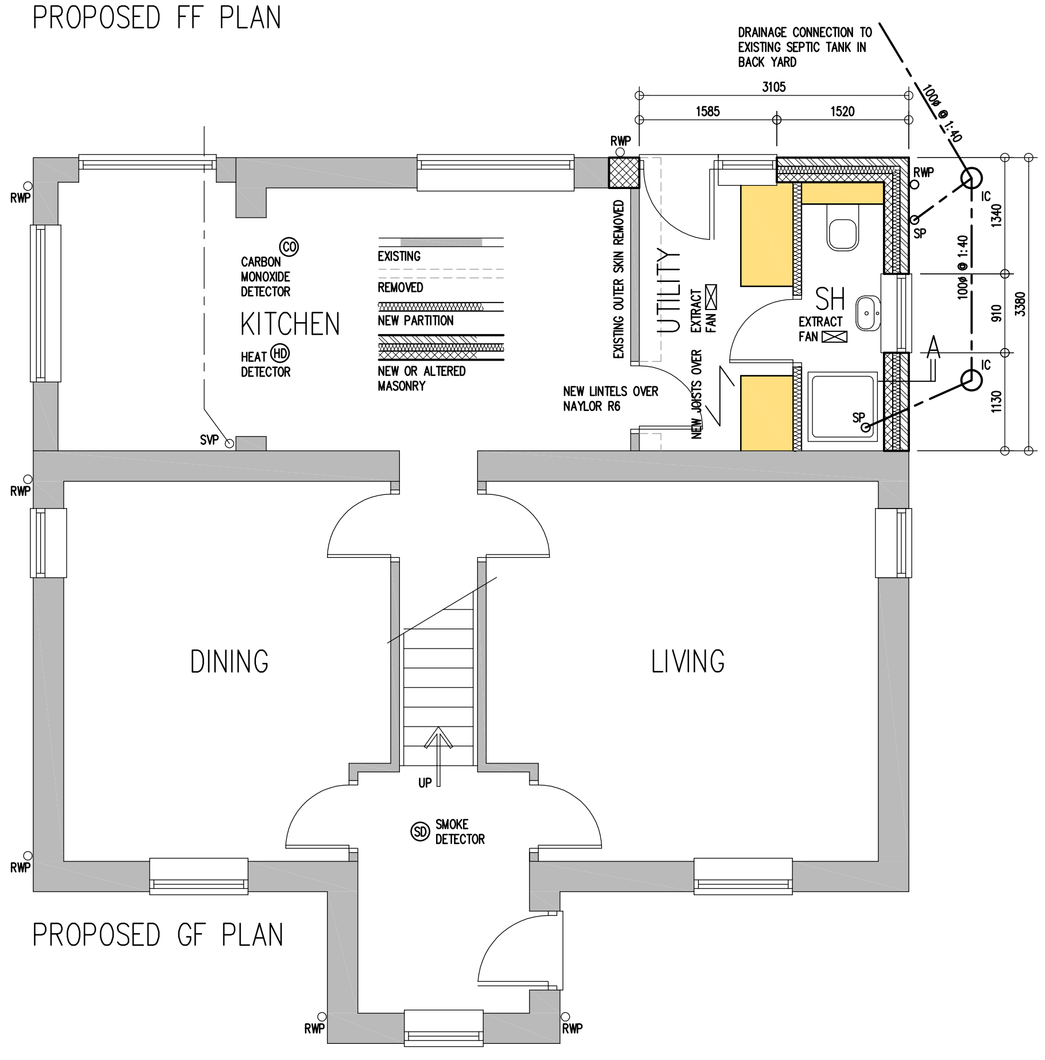


PROPOSED FF PLAN



PROPOSED GF PLAN

100mm THICK RENDERED BLOCKWORK OUTER LEAF
OR
102mm THICK FACING BRICKS TO CLIENTS REQUIREMENTS

100mm THICK FULL FILL CAVITY WALL INSULATION 'DRITHERM' OR EQUAL

100mm THICK SOLID 3.5N AERATED CONCRETE BLOCK INNER LEAF

12.5mm PLASTERBOARD ON DABS TO INTERNAL FACE OF BLOCK WALLS

NEW WALLS TO BE BONDED/TIED WITH EXISTING

ALL CAVITIES TO BE KEPT CONTINUOUS

FORM NEW WINDOW/DOOR OPENINGS AS INDICATED WITH NEW LINTELS OVER

DOTTED LINE DENOTES WALLS TO BE REMOVED

MAKE GOOD DAMAGED FLOOR AS REQUIRED

NEW PVC/ALUMINIUM SLIDING/FOLDING DOORS AND WINDOWS TO CLIENTS REQUIREMENTS

NEW KITCHEN/BATH/UTILITY/SHOWER ROOMS TO CLIENTS REQUIREMENTS

MECHANICAL EXTRACT VENTILATION TO BATH/SHOWER/KITCHEN & UTILITY ROOMS

EXISTING DRAINAGE SYSTEM IS TO BE INVESTIGATED ON SITE & NEW RWP/FOUL CONNECTIONS MADE ACCORDINGLY

EXISTING REDUNDANT DRAINS & GULLIES ETC ARE TO BE GRUBBED UP

EXISTING GAS/WATER/ELECTRIC SERVICES ARE TO BE INVESTIGATED & RE POSITIONED AS REQUIRED

NEW MAINS POWERED AND INTERLINKED SMOKE/HEAT DETECTORS ARE TO BE FITTED ON EACH FLOOR LEVEL

~~EXISTING BOILER IS TO BE RE-POSITIONED TO CLIENTS REQUIREMENTS AND~~ NEW CARBON MONOXIDE DETECTOR INSTALLED

ALL NEW & EXISTING STRUCTURAL STEELWORK /TIMBER IS TO BE CHECKED & APPROVED BY STRUCTURAL ENGINEER

SOLID CONCRETE PAD STONES TO EITHER END OF ALL STEEL

HALF HOUR FIRE PROTECTION TO ALL NEW STEEL USING 2 LAYERS 12.5mm GYPROC WALLBOARD AND SKIM

EXISTING FOUNDATIONS ARE TO BE EXPOSED AND CHECKED BY STRUCTURAL ENGINEER PRIOR TO EXTENSION OVER

NEW CONCRETE FOUNDATION/PAD AND MASONRY TO CARRY NEW STEEL OVER TO STRUCTURAL ENGINEERS DESIGN

ALL NEW FLOOR JOISTS TO BE 195x50mm C16 JOISTS AT 400mm CRS

NEW/EXISTING FLOOR JOISTS ARE TO BE TRIPLED UP BELOW NEW PARTITIONS

BUILDER TO CHECK SPAN OF ALL EXISTING FLOOR JOISTS

ALL NEW HEATING, PLUMBING AND ASSOCIATED ELECTRICAL SERVICES ARE TO BE INSTALLED BY APPROPRIATE QUALIFIED PERSONNEL TO SUIT THE REQUIREMENTS OF THE CLIENT.
ALL NEW RADIATORS ARE TO BE FITTED WITH THERMOSTATIC VALVES
ALL NEW ELECTRICAL INSTALLATIONS ARE TO COMPLY WITH BS7671 AND THE CURRENT EDITION WIRING REGULATIONS.
ALL ELECTRICAL WORK IS TO MEET THE REQUIREMENTS OF APPROVED DOCUMENT PART P AND MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A PERSON COMPETENT TO DO SO.
COPY CERTIFICATE TO BE SUBMITTED TO THE APPROVED BUILDING INSPECTOR.

ALL NEW LIGHT FITTINGS ARE TO BE ENERGY EFFICIENT AND ONLY BE CAPABLE OF TAKING LAMPS HAVING A LUMINOUS EFFICACY GREATER THAN 40 LUMENS PER CIRCUIT-WATT

NEW MAINS POWERED WITH BATTERY BACKUP INTER LINKED SMOKE DETECTORS ARE TO BE FITTED AS INDICATED ON PLAN
SMOKE ALARMS TO CONFORM TO BS5446 PT1 AND INSTALLED IN ACCORDANCE WITH DOC B, B1.11 TO 1.22

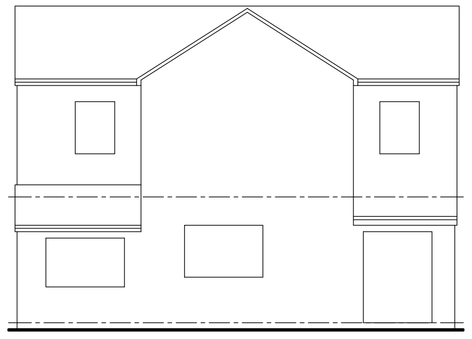
WHERE A NEW OR REPLACEMENT FIXED SOLID FUEL APPLIANCE IS INSTALLED A CARBON MONOXIDE ALARM SHOULD BE PROVIDED IN THE ROOM WHERE THE APPLIANCE IS LOCATED. ALARMS SHOULD COMPLY WITH BSEN50291(BATTERY) OR BSEN50291 TYPE A (FIXED MAINS WIRED). A CARBON MONOXIDE DETECTOR TO BE FITTED IF A NEW BOILER IS TO BE INSTALLED

ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT BUILDING REGULATIONS AND TO THE SATISFACTION OF THE APPROVED VISITING INSPECTOR.

ALL DIMENSIONS ARE TO BE CHECKED ON SITE BY THE BUILDER. DO NOT SCALE FROM THIS DRAWING.

THESE NOTES ARE PROVIDED AS A GUIDE TO MEET BUILDING REGULATIONS ONLY. ANY ALTERATIONS TO THE SPECIFICATION OR DISCREPANCIES BETWEEN THESE NOTES AND THE EXISTING BUILDING SHOULD BE REPORTED TO THE DESIGNER ON 07411 644949

IF IN DOUBT ASK



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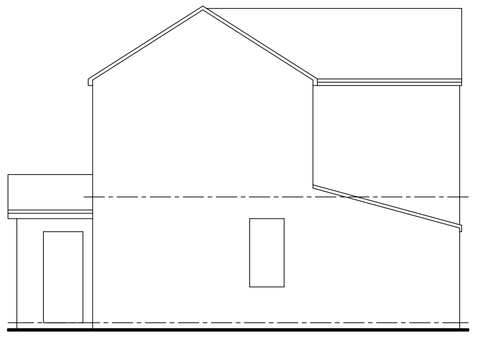

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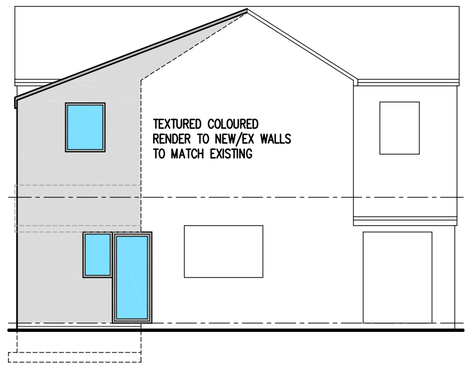

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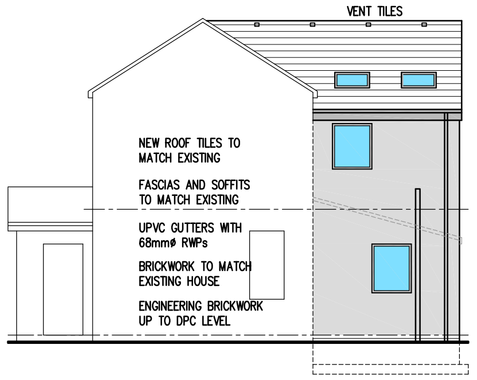


PROPOSED SIDE

VAULTED TOOF
NEW CAVITY TRAY WITH CODE 4 LEAD FLASH TO ROOF/WALL JUNCTION

NEW ROOF AND RIDGE TILES TO MATCH EXISTING HOUSE ON 50x25mm TREADED SW BATTENS ON BREATHER MEMBRANE

195x50mm C16 GRADE RAFTERS AT MAX 400mm CENTRES

100x75mm TREATED SW WALL PLATE TIED TO BLOCKWORK USING GALV STEEL STRAPS

NOTCH RAFTERS OVER WALL/HEAD PLATE MAX 1/3 DEPTH OF RAFTER AND SECURE TO WALL PLATE USING GALVANISED STEEL ANGLE BRACKETS

VAULTED ROOF INSULATION
120mm RIGID ROOF INSULATION BOARD 'CELOTEX XR400' OR EQUAL BETWEEN THE RAFTERS/TRUSSES

12mm THICK PLYWOOD TO UNDERSIDE OF RAFTERS

12.5mm PLASTERBOARD AND SKIM ON 40mm INSULATION 'CELOTEX PL4000' OR EQUAL FIXED TO UNDERSIDE OF RAFTERS/TRUSSES

50mm CLEAR VOID BETWEEN ROOFING FELT AND TOP OF RIGID INSULATION BOARD

CONTINUOUS 25mm VENTILATION TO EAVES LINE

VENT TILE TO PROVIDE VENTILATION EQUAL TO AT LEAST A CONTINUOUS 5mm GAP AT RIDGE POSITION

FASCIAS AND SOFFITS ALL TO MATCH EXISTING

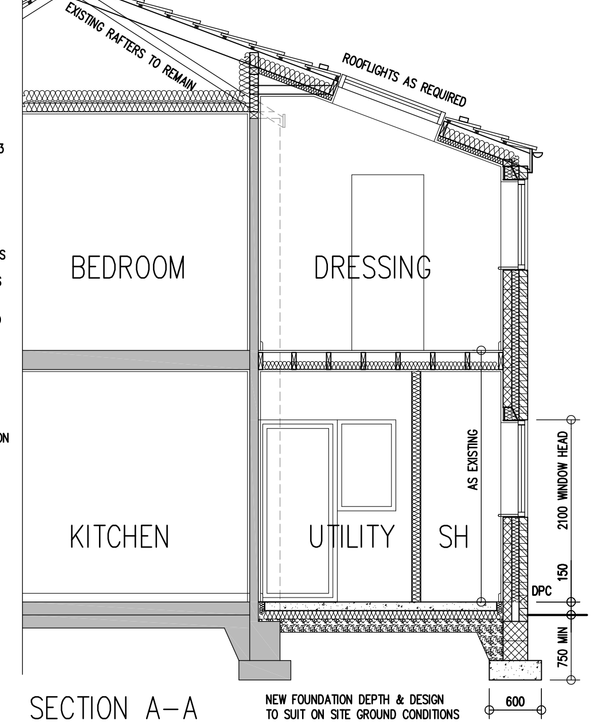
GUTTERS AND RAIN WATER PIPES ALL TO MATCH EXISTING

NEW INTERNAL PARTITIONS WITH 75mm THICK SOUND INSULATION

ALL NEW STRUCTURAL STEEL/TIMBER TO ENGINEERS DESIGN

HALF HOUR FIRE PROTECTION TO ALL NEW STEEL 2 LAYERS OF 12.5mm PLASTERBOARD AND SKIM (INCLUDING LINTELS)

BUILDER TO CHECK SPAN OF ALL EXISTING FLOOR JOISTS



SECTION A-A

NEW FOUNDATION DEPTH & DESIGN TO SUIT ON SITE GROUND CONDITIONS

EXTERNAL WALLS
NEW INSULATED STEEL LINTELS 'CATNIC CU/CG' OR EQUAL

100mm THICK SOLID CONCRETE BLOCK OUTER LEAF SMOOTH TEXTURED PAINTED RENDER EXTERNAL FINISH
OR
102mm THICK FACING BRICKS ALL TO MATCH EXISTING HOUSE

100mm THICK FULL FILL CAVITY WALL INSULATION 'KNAUF DRITHERM' OR EQUAL

WALL TO BE TIED TOGETHER USING 225mm LONG STAINLESS STEEL WALL TIES SPACED AT 750mm HORIZONTAL AND 450mm VERTICAL CENTRES

100mm THICK SOLID 3.5N AERATED CONCRETE BLOCK INNER LEAF

12.5mm PLASTERBOARD ON DABS INTERNAL FINISH

WEEP HOLES TO EVERY 4th JOINT AT EXTERNAL GL AND ABOVE WINDOW/DOOR OPENINGS

FLOOR CONSTRUCTION
22mm THICK FLOORING GRADE T&G CHIPBOARD

195x50mm C16 FLOOR JOISTS AT 400mm CENTRES

TRIPLE FLOOR JOISTS BELOW PARALLEL PARTITIONS

100mm THICK SOUND INSULATION QUILT 'ROCKWOOL ROLL' OR EQUAL LAID BETWEEN THE FLOOR JOISTS AND AN ADDITIONAL 50mm THICK 'CELOTEX XR4000' OVER GARAGE/STORAGE AREAS

SLAB AND FOOTINGS
MIN 100mm THICK CONCRETE FLOOR SLAB ON DPM ON 100mm THICK RIGID FLOOR INSULATION BOARD 'CELOTEX FR5000' OR EQUAL ON 1200g DPM ON MIN 150mm THICK WELL COMPACTED FINES BLINDED SUB BASE
SEE NOTE RE RAFT/PILED FOUNDATION

102mm THICK ENGINEERING BRICKWORK UP TO DPC

BLOCKWORK BELOW GROUND TO BE SUITABLE FOR USE BELOW D.P.C.

TRENCH BLOCK UP TO REQUIRED HEIGHT

600x225mm MASS CONCRETE STRIP FOOTINGS
SEE NOTE RE RAFT/PILED FOUNDATION
DIMENSIONS INDICATED ARE MINIMUM

EXISTING FOUNDATION TO BE EXPOSED AND CHECKED PRIOR TO NEW EXTENSION

1:1
1:50
1:100
1:200
1:1250
150mm
7.5m
15m
30m
187.5m

A1 paper size

number	drawing title	address
DDS1608/01	PLANS ELEVATIONS SECTION NOTES	TUNLEY MOSS FARM TUNLEY MOSS WRIGHTINGTON WN6 9RQ
date	client	contract	scale
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