

FLOOR JOIST LAYOUT

SECTION (THROUGH EXTENSION)

SECTION (THROUGH EXISTING ROOF)

LOCATION PLAN

REAR ELEVATION

FRONT ELEVATION

SIDE ELEVATION

GROUND FLOOR

FIRST FLOOR PLAN

LOFT FLOOR PLAN

LOFT CONVERSION NOTES

⑤ AUTOMATIC SMOKE DETECTORS/ALARMS TO BE PROVIDED ON ALL FLOOR LEVELS UNLESS OTHERWISE STATED IN A SEPARATELY SCHEDULED SCHEDULE. DETECTORS TO BE INSTALLED IN ACCORDANCE WITH BS 5846 ALL EXISTING DOORS TO HABITABLE ROOMS OPENING ONTO LANDINGS AND HALLWAYS TO BE REPLACED WITH FD 30 FIRE DOOR FITTED WITH 'PERK' CLOSER AND 25MM REINFORCED FRAME. ANY GLAZING IN DOORS OR PARTITIONS TO BE REPLACED WITH GERGUIN WIRE PHOSPHOR BRONZE GLASS.

INSULATED PERIMETER PARTITIONS TO BE CONSTRUCTED WITH 100MM SOLAR BLOCK BRICKWORK WITH 80MM 'CELOTEX' DOUBLE R RIGID EPS INSULATION INFLAND 12M DUPLEX BOARD EACH SIDE. EXISTING CEILING TO BE UPGRADED TO 30 MINUTES FIRE RESISTANCE WITH 150MM MINERAL WOOL LAD ON EXISTING LATH AND PLASTER CEILING.

RAFTERS TO HAVE A MINIMUM OVERALL 100M THICKNESS OF KERSPAN INSULATION BETWEEN AND ACROSS FACE OF RAFTERS WITH A MINIMUM 50M CLEAR AIR SPACE ABOVE CROSS VENTILATED BY H/L AND L/L ROOF VENTILES 900MM PB AND SKIM CEILING.

ROOF COVERING

SELECTED MATCHING ROOF TILES/SLATES NAILED TO TREATED S.W. BATTENS WITH LAP TO SUIT ROOF PITCH IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS OVER 'TYVEK' BREATHABLE SARKING FELT LAD OVER RAFTERS AS SPECIFIED 300MM FIBREGLASS QUILT INSULATION OVER AND BETWEEN JOISTS ON 90MM PB AND SKIM CEILING.

WALL CONSTRUCTION

TWO COAT SAND CEMENT RENDER TO MATCH EXISTING ON 100MM CONCRETE BLOCKWORK OR SELECTED FACED BRICK OUTER LEAF 100MM CAVITY WITH ROCKWOOL INSULATION BATS FULL FILL 100MM CELCON SOLAR BLOCKWORK INNER LEAF WITH TWO COAT PLASTER FINISH TO GIVE A MAXIMUM 0.25 U' VALUE. STAINLESS STEEL 300MM CENTRES AROUND ALL OPENINGS. INSULATED 'THERMABATE' OR SIMILAR CAVITY CLOSERS INSULATED CATMIC OR I.G. PROPERTY GALV. STEEL LINTOLS TO BE PROVIDED OVER ALL CAVITY WALL OPENINGS WITH A MINIMUM 150MM END BEARING. TIMBER STUD PARTITIONS WITH 75X50MM STUDDING WITH MINERAL WOOL INFILL AND 12MM PB AND SKIM BOTH SIDES.

FIRST FLOOR CONSTRUCTION

MOISTURE RESISTANT 25MM T&G BOARDING NAILED TO FLOOR JOISTS AS SPECIFIED WITH STRUTTING AT 14 SPAN 300MM GALV. SHEETING TO BE PROVIDED AT LEAST 2MG. JOISTS DOUBLE JOISTS TO BE EIGHT TOGETHER AT 600 C/C PLACED UNDER PARTITIONS FOR SUPPORT. 12MM PLASTERBOARD AND SKIM CEILING.

DOORMER ROOF AND DORMER ROOF

DOORMER ROOF: CEILING BUILT UP ROOFING TEST CLASS MINERAL FIBRE TOP LAYER ON 19mm PLY BEARING ON TAPERED FININGS OVER 175x50mm S33 JOISTS @ 400c/c WITH 120mm (100mm MIN) BETWEEN JOISTS ON 9mm PB

DOORMER WALL CONSTRUCTION

VERTICAL TILE CLADDING NAILED TO TREATED S.W. BATTENS OVER SARKING FELT OVER 100MM MARINE PLY FIXED TO JOISTS MIN 100MM MINERAL WOOL INSULATION BATS FULL FILL 100MM CELCON SOLAR BLOCKWORK WITH 25MM T&G BOARDING OVER 12MM DUPLEX BOARD + SKIM INSIDE FACE.

REAR ELEVATION

REAR ELEVATION (REAR TO REAR)

NEW 150x50mm S33 JOISTS WITH 100MM MINERAL WOOL INFILL (BRACKETING CEILING (S&S) TO REMAIN)

EXISTING SVP EXTENSION OF ABOVE DOORAGE

NEW 150x50mm S33 JOISTS WITH 100MM MINERAL WOOL INFILL (BRACKETING CEILING (S&S) TO REMAIN)

FRONT ELEVATION

FRONT ELEVATION

EXISTING SVP EXTENSION OF ABOVE DOORAGE

NEW 150x50mm S33 JOISTS WITH 100MM MINERAL WOOL INFILL (BRACKETING CEILING (S&S) TO REMAIN)

SIDE ELEVATION

SIDE ELEVATION

EXISTING SVP EXTENSION OF ABOVE DOORAGE

NEW 150x50mm S33 JOISTS WITH 100MM MINERAL WOOL INFILL (BRACKETING CEILING (S&S) TO REMAIN)

GROUND FLOOR

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EXISTING SVP EXTENSION OF ABOVE DOORAGE

NEW 150x50mm S33 JOISTS WITH 100MM MINERAL WOOL INFILL (BRACKETING CEILING (S&S) TO REMAIN)

FIRST FLOOR PLAN

FIRST FLOOR PLAN

EXISTING SVP EXTENSION OF ABOVE DOORAGE

NEW 150x50mm S33 JOISTS WITH 100MM MINERAL WOOL INFILL (BRACKETING CEILING (S&S) TO REMAIN)

LOFT FLOOR PLAN

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EXISTING SVP EXTENSION OF ABOVE DOORAGE

NEW 150x50mm S33 JOISTS WITH 100MM MINERAL WOOL INFILL (BRACKETING CEILING (S&S) TO REMAIN)

GENERAL NOTES

ALL DIMENSIONS INCLUDING ROOF PITCHES TO BE CHECKED BY CONTRACTOR BEFORE WORK COMMENCES. ALL WORK TO COMPLY WITH CURRENT BUILDING REGULATIONS AND CARRIED OUT TO THE COMPLETE SATISFACTION OF THE DISTRICT B.C.O. ALL TIMBER TO BE TREATED WITH PRESERVATIVE. ALL NEW STELLWORK TO BE ENCASED IN 12M GYPSUM 'FIRELINE' BOARD FOR 30 MINUTES FIRE PROTECTION. ALL GALV. LINTOLS TO BE INSULATED AND ENCASED WITH 12MM PLASTERBOARD AND SKIM FOR 30 MINUTES FIRE PROTECTION. ALL ELECTRICAL WORK TO BE UNDERTAKEN BY NICEIC APPROVED CONTRACTOR WITH AN INSTALLATION CERTIFICATE TO BE PROVIDED ON COMPLETION. ALL NEW RADIATORS TO BE FITTED WITH THERMOSTATIC VALVES AND C.H. BOILERS TO BE REPLACED IF NECESSARY WITH CONDENSING TYPE BOILERS AND INSTALLED BY A CORG REGISTERED CONTRACTOR.

CLIENT

MR. M. LANGLEY

SCHEME

FIRST FLOOR SIDE EXTENSION
NEW PITCHED ROOF TO SIDE EXT.
AND LOFT CONVERSION WITH DORMER

ADDRESS

18 ZIG ZAG ROAD
WEST DERBY
LIVERPOOL L12 9EQ

DRAWING NUMBER

REV A

DATE

JULY 2011

SCALE

1:50
1:100

DRAWN

CHECKED

REV A : ROOF DESIGN / DOORMER PLAN.DWG

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