

PROPOSED SINGLE STOREY REAR ADDITION. 11, GREENACRE GARDENS, PURBROOK, HANTS. FOR MR & MRS M. DENYER.

WALLS 112MM FACEBRICK TO LA APPROVAL
EXTERNALLY 100MM CAVITY WITH 50MM CELOTEX
INSULATION CLIPPED TO 100MM CELCON SOLAR
BLOCKS INTERNALLY RENDER AND SET TIE WALLS WITH
APPROVED STAINLESS STEEL WALL TIES EVERY 750MM
HORIZONTALLY AND 450MM VERTICALLY.

CATNIC LINTELS OVER ALL OPENINGS, SIZE IN
ACCORDANCE WITH THE MANUFACTURERS SPAN
TABLES MINIMUM 150MM END BEARINGS.

STRAP DOWN NEW ROOF AND GABLE ENDS WITH MILD
STEEL ANCHORS MINIMUM CROSS SECTION 30MMX5MM
AND AT 1.2M CENTRES.
CLOSE TOP OF NEW CAVITY WALLS WITH BRICKWORK.

WINDOWS TO BE DOUBLE GLAZED AND TO ACHIEVE A
U VALUE OF 1.6W/M2K WITH A MINIMUM 1/20TH OF
THE FLOOR AREA AS OPENING. PROVIDE 10,000 MM
SQ. TRICKLE VENTS TO ALL NEW ROOMS. NOTE ANY
LOW LEVEL GLAZING TO CRITICAL AREAS IN EITHER
DOORS/WINDOWS/SIDELIGHTS ETC. TO BE SAFETY
GLASS TO B.S 6206

RAINWATER DISPOSAL VIA 100MM DIAMETER GUTTERS
AND DOWNPIPE TO NEW SOAKAWAYS MIN 5M FROM
ANY BUILDING AND MIN 1M/3
ANY NEW RADIATORS TO BE FITTED WITH TRV VALVES.

PROVIDE MECHANICAL VENTILATION TO KITCHEN AND
WC DUCTED TO THE EXTERNAL AIR MINIMUM CAPACITY
60 LITRES/SEC WC VENT LINKED TO LIGHT SWITCH
WITH OVERRUN NOTE 25MM UNDERCUT TO DOOR.

DRAINS TO BE 100MM DIAMETER APPROVED PLASTIC
LAID 1.40 BEDDED AND SURROUNDED IN 150MM
PEASHINGLE HAUNCH IN 150MM CONCRETE UNDER
BUILDING PROTECT WITH LINTELS THROUGH
FOUNDATIONS

STUDWORK 100MMX50MM WELL BRACED TIMBER
30MM PLASTERBOARD AND SET BOTH SIDES INSERT
100MM GLASSWOOL BATTS MIN DENSITY 10KG/M3

ROOF TYVEK BREATHABLE FELT/BATTENS AND TILES
TO LA APPROVAL CAPABLE OF BEING LAID AT PITCH
SHOWN USE REDLAND REJENT THROUGH COLOURED
100MM HEADLAP ON 150X50MM RAFTERS AT 400MM
CENTRES INSULATE WITH 100MM CELOTEX GA
BETWEEN RAFTERS WITH 50MM AIRGAP OVER AND
35MM CELOTEX TB OVER THEN 12.5MM PLASTERBRD
AND SET.

INSERT NEW VELUX ROOFLIGHTS IN ACCORDANCE WITH
THE MANUFACTURERS SPECIFICATION FOR FLASHINGS
ETC. TRIM WITH DOUBLE RAFTER. NOTE USE UPSTAND
AS REQUIRED BY VELUX WHERE ROOF PITCH IS
SHALLOW.

PROVIDE A LEAD FLASHING AND CAVITY TRAY AT THE
JUNCTION OF THE NEW ROOF AND THE EXISTING HOUSE
CAVITY WALLS

RAFTERS BIRDSMOUTHED OVER PLATE AND SCREW
NAILED THERETO TO PREVENT ROOF SPREAD.
150X50MM C16 TIMBER PLATE BOLTED TO REAR
MASONRY WALL WITH M16 RAWBOLTS OR RESIN BONDED
BOLTS AT 600MM CENTRES.



NOTE CHECK ALL MEASUREMENTS ON SITE PRIOR TO
THE COMMENCEMENT OF WORK.

WALLS FULLY BONDED AND CAVITIES MAINTAINED
CONTINUOUS, CLOSE ALL REVEALS WITH VERTICAL DPC
AND INSULATED CAVITY CLOSERS.

PROVIDE SMOKE DETECTORS TO BOTH FLOORS MAINS
OPERATED AND INTERLINKED WITH BATTERY BACKUP.

FOUNDATIONS TO BE MINIMUM 1 M. DEEP TO LOCAL
AUTHORITY APPROVAL TO SUIT SITE CONDITIONS. USE
ONLY CLASS A CONCRETE BLOCKS BELOW GROUND
LEVEL. FOUNDATIONS ALSO TO COMPLY WITH NHBC
PRACTICE NOTE WITH REGARD TO ANY TREES.
NOTE TRENCH FILL FOUNDATIONS

SECTION DRAWING

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scale 1:50

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