

5MM CONTINUOUS RIDGE VENTS

50MM MIN AIR GAP BETWEEN TOP OF INSULATION AND UNDERSIDE OF FELT. 25MM 'SUPAQUILT' INSULATION TO BE FIXED TO INTERNAL FACE OF RAFTERS AND FOIL TAPED AT JOINTS. 25MM BATTENS 500 GAUGE POLYTHENE AND 12.5MM PLASTERBOARD AND SKIM ADDED TO INTERNAL FACE TO PROVIDE U-VALUE OF 0.16

EXISTING RAFTERS

FLOOR JOISTS, MINIMUM GAP BETWEEN NEW FLOOR JOISTS AND EXISTING CEILING JOISTS TO BE 17MM.

STUD WALL BOLTED TO THE ORIGINAL RAFTERS USING M12 BOLTS AND 50MM 3MM THICK SQUARE OR ROUND WASHERS

FLOOR BEAMS

WALLS/SLOPE:
50X100 STUDS @ 400 CTRS FIXED TO 50X100 HEAD AND SOLE PLATES. CAVITIES FILLED WITH CELLOTEX GA2060 INSULATION WITH 12.5MM PLASTERBOARD AND SKIM FINISH. ROOF SLOPES TO HAVE 25MM SUPAQUILT INSULATION TO INTERNAL FACE OF RAFTERS. RAFTERS TO MAINTAIN 50MM AIR GAP ABOVE INSULATION. POLYTHENE VAPOUR BARRIER TO WARM SIDE OF INSULATION WITH 12.5MM PLASTERBOARD AND SKIM INTERNALLY. INTERNAL WALLS 50X75MM STUDS @ 400MM CTRS FIXED TO 50X75MM HEAD AND SOLE PLATES WITH 9.5MM PLASTERBOARD AND SKIM FINISH. STAIRCASE ENCLOSURE 12.5MM PLASTERBOARD AND SKIM BOTH SIDES TO PROVIDE HALF HOUR FIRE RESISTANCE. TO ACHIEVE 0.20W/M2K U VALUE

CODE 4 LEAD FLASHINGS ARE TO BE FITTED WHERE ANY NEW ABUTS AN EXISTING WALL.

ALL NEW RAINWATER GUTTERING AND DOWNPIPES TO CONNECT TO EXISTING.

LIGHTING
PROVIDE AT LEAST 1 No. LIGHT FITTINGS THAT HOUSE LAMPS HAVING LUMINOUS EFFICACY GREATER THAN 40 LUMENS PER CIRCUIT WATT. EG COMPACT FLOURESCENT LIGHTING.

ELECTRICAL INSTALLATION:
ALL NEW ELECTRICAL WORK SHALL BE INSTALLED AND CERTIFIED BY COMPETENT PERSON AS DEFINED BY APPROVED DOCUMENT P AND COMPLETED INSTALLATION CERTIFICATE SHALL BE SUBMITTED TO BUILDING CONTROL ON COMPLETION OF WORK.

FOUL WATER DRAINAGE:
ALL FOUL DRAINAGE TO BE RUN TO EXISTING SEWER IN 102 DIAMETER PVC PIPE. IF TO PRIVATE SYSTEM THEN SUITABLE EA CERTIFICATE TO BE PROVIDED PARTICULARLY IN TERMS OF SUITABILITY/CAPACITY. WHERE PIPES RUN BENEATH WALLS FLEXIBLE COUPLINGS ARE TO BE PROVIDED, EITHER SIDE OF WALL AND REINFORCED CONCRETE LINTELS INSTALLED.

WASTE WATER
TO CONNECT TO EXISTING. TO BE 32MM, 38MM AND 50MM ABS PIPE WORK AND FITTINGS. ALL TRAPS SHALL BE 75MM DEEP SEAL TYPE WITH AIR ADMITTANCE DEVICES OR MAX BRANCH LENGTH OF 1700MM

FIRST FLOOR CEILING 16mm LATH AND PLASTERS WITH SOFT KEYS OR 9.5mm PLASTERBOARD, ADD 100mm ROCKWOOL SUPPORTED ON CHICKEN WIRE LAID OVER EXISTING CEILING JOISTS WITH 18mm T&G CHIPBOARD TO FLOOR AND ENTIRE EAVES VOIDS TO PROVIDE HALF FR BRE DIGEST 208. IF REQUIRED

NEW FULL LENGTH RAFTERS SHALL BE PROVIDED EITHER SIDE OF VELUX WINDOW SHALL BE GREATER THAN OR EQUAL TO THE NUMBER OF EXISTING RAFTERS CUT. NUMBER OF RAFTERS PROVIDED FOR EACH WINDOW SHALL BE THE SAME SIDE EACH WINDOW. HORIZONTAL 100x50 TRIMMERS SHALL BE PROVIDED ABOVE AND BELOW ALL VELUX WINDOWS.

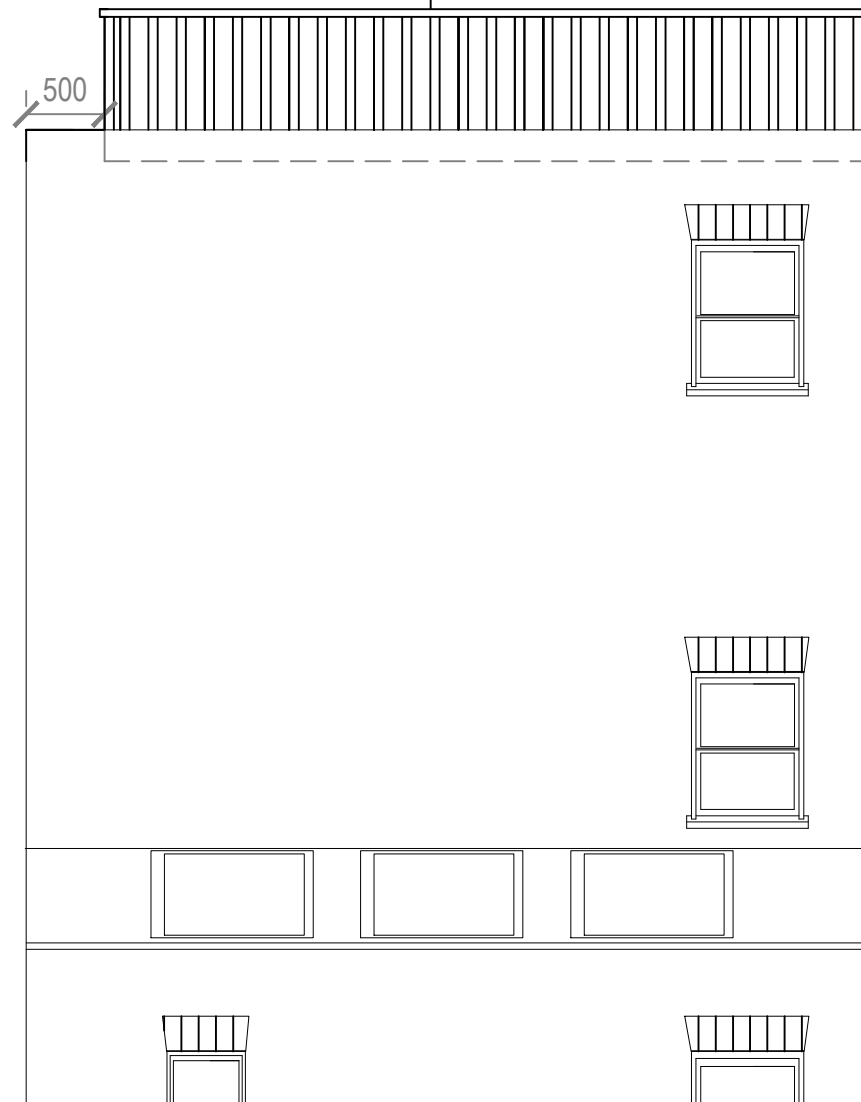
roof terrace with ballustrading set behind parapet walls

any stair to roof terrace to be internal to roof structure so to not interfere with roof line

slate clad dormer with lead roof. set min. 500mm from roof edges

CR-9 conservation type rooflight over

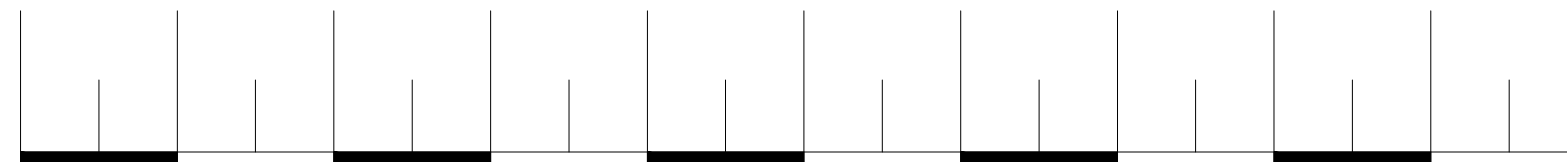
BEDROOM 3



Proposed Section B-B

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10 METRES



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JOB:
PROPOSED LOFT CONVERSION

DRAWING TITLE:
PROPOSED SECTION B-B

REVISION:
A-07-03-2011 - removed front dormer, amended rear dormer width, added external roof terrace stair and ballustrade positioning

DATE:
7TH DEC 2010

SCALE:
1:50/A3

DRAWING NUMBER:
84CON05