STUD WALLS AND ROOF SLOPE:
PERIMETER AND PURLIN WALLS TO BE 47x100 VERTICAL STUDS AT 400c/c ON 47x100 HEAD & BASE PLATES ALL CAVITIES TO BE FILLED WITH 85mm ECO THERM INSULATION FACED WITH 12.5mm PLASTERBOARD AND SKIM.
INTERNAL PARTITIONS TO BE 47x100 VERTICAL STUDS AT 400c/c WITH CROSS NOGGINS ON 47x100 PLATES AND FACED WITH 12.5mm PLASTERBOARD AND SKIM. STAIR ENCLOSURE TO TO HAVE 12.5mm PLASTERBOARD BOTH SIDES TO ACHIEVE HALF HOUR FIRE RESISTANCE. ALL INTERNAL WALL CAVITIES TO BE FILLED WITH 100mm ROCKWOOL TO ACHIEVE THE REQUIREMENT OF A.D. PART E 2003.
EXISTING ROOF SLOPES WITHIN THE CONVERSION TO HAVE 40mm ECO THERM INSULATION FIXED TO UNDERSIDE OF RAFTERS WITH 85mm ECO THERM INSULATION CUT BETWEEN RAFTERS. MAINTAINING 50mm AIR GAP ABOVE INSULATION AND ROOF COVERING BY FIXING 35x50 TIMBER BATTENS TO THE UNDERSIDE OF RAFTERS. POLYTHENE VAPOUR BARRIER TO WARM SIDE OF INSULATION WITH 12.5mm PLASTERBOARD AND SKIM INTERNALLY.

PVCu / SOFTWOOD FASCIA WITH 100mm GUTTER SET TO FALL TO 65mm DOWN PIPE DISCHARGING INTO EXISTING R.W. SYSTEM.

150mm ECOTHERM INSULATION CUT BETWEEN ROOF JOISTS. ANY CAVITIES BETWEEN COLD/WARM ROOF TO BE PACKED WITH ROCKWOOL

TILE VENTS TO ACHIEVE 5mm CONTINUOUS VENTILATION

12.5 PLASTERBOARD ON 1000g POLYTHENE VAPOUR BARRIER ON 40mm ECO THERM INSULATION WITH 85mm ECO THERM CUT BETWEEN RAFTERS. 35x50 TIMBER BATTENS FIXED TO UNDERSIDE OF RAFTERS TO MAINTAIN 50mm AIR GAP ABOVE INSULATION

76mm ECOTHERM (ECO-DECK) WITH 40mm ECOTHERM FIXED UNDER PLY
U-value = 0.19W/m^2K

100x150 WINDOW HEADER

TILE VENTS TO ACHIEVE 25mm CONTINUOUS VENTILATION

FLOOR / CEILING CONSTRUCTION:
LATH & PLASTER OR 9mm PLASTERBOARD WITH 3mm SKIM COAT (10 kg/m2) ON 47x100 CEILING JOISTS WITH 100mm ROCKWOOL ROLL BAT (MIN 10 kg/m3) INSULATION SUPPORTED ON CHICKEN WIRE WITH 22mm CHIPBOARD (V313) TO ACHIEVE 30 MINUTES FIRE RESISTANCE AND MEET THE SOUND REQUIREMENT OF PART E.
SHOULD EXISTING CEILING BE 12.5mm PLASTERBOARD THE CHICKEN WIRE IS NOT REQUIRED.

SOFFIT VENTS TO ACHIEVE 25mm CONTINUOUS VENTILATION

FLAT ROOF: U-VALUE= 0.19W/m2K
12mm SPAR CHIPPING'S BITUMEN BEDDED ON THREE LAYERS OF ROOFING FELT (BS747) HOT BEDDED AND LAID TO BS8217. BASE LAYER TO BE SINGLE PLY G3 FELT WITH 25mm DIAMETER HOLES EQUALLY SPACED AND PARTIALLY BONDED TO 76mm ECOTHERM ECO-DECK INSULATION ON 18mm EXTERIOR PLYWOOD ON 47x150 GRADE C16 ROOF JOISTS AT 400c/c SET TO FALL (1:40), 40mm ECOTHERM INSULATION BOARD CUT BETWEEN JOISTS AND FIXED TO UNDERSIDE OF PLYWOOD. FINISHED INTERNALLY WITH 12.5mm PLASTERBOARD AND SKIM COAT PLASTER.

DORMER WALLS (TILE HUNG) U-VALUE= 0.29 W/m2K
VERTICAL TILES ON 19x38 TREATED TILE BATTEN ON TYPE 1F FELT (BS747) ON 9.5 EXTERIOR PLYWOOD WELL NAILED TO 47x100 VERTICAL STUDS AT 400c/c. 85mm ECO THERM INSULATION TO ALL CAVITIES WITH POLYTHENE VAPOUR BARRIER TO WARM SIDE OF INSULATION. FINISHED INTERNALLY WITH 12.5mm PLASTERBOARD AND SKIM COAT PLASTER. WALLS WITHIN ONE METRE OF BOUNDARY TO HAVE 9mm MASTERBOARD EXTERNALLY AND 12.5mm PLASTERBOARD INTERNALLY TO ACHIEVE FULL HALF HOUR FIRE RESISTANCE (30/30)

SECTION

PROJECT: LOFT CONVERSION	DATE: SEPT: 2007	SHEET No: 4 OF 6
CLIENT: MR & MRS WALSH 72 MINSTER ROAD CRICKLEWOOD LONDON NW2 3RG		
DRAWING No: 1340	SCALE: 1:50 & 1:100	

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT
NO DESIGN ALTERATIONS TO THE APPROVED DRAWINGS TO BE MADE WITHOUT LOCAL AUTHORITY APPROVAL.

Rev:

SMA
Committed to Quality
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