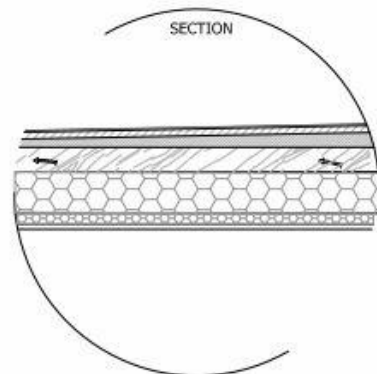
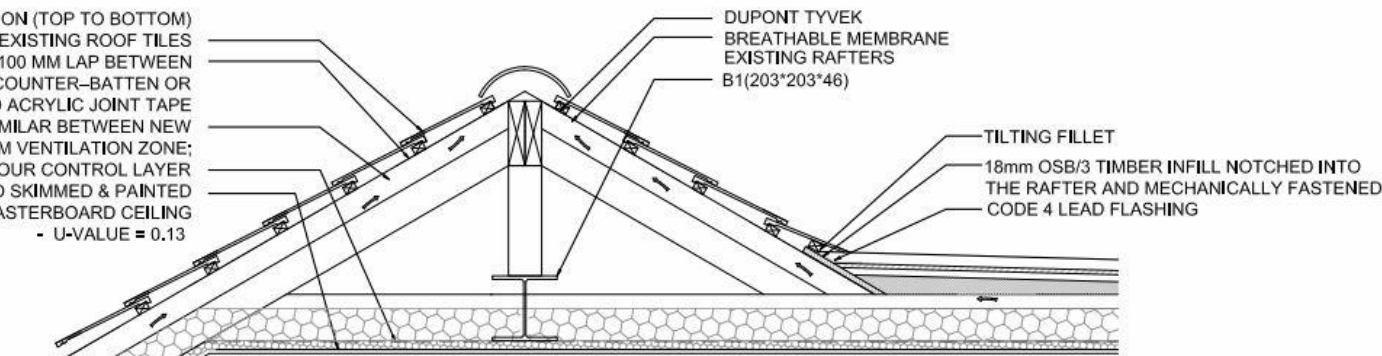




RT-01

COLD FLAT ROOF CONSTRUCTION (TOP TO BOTTOM)
 -FIBREGLASS ROOF FINISH ON 18MM OSB 3 T&G
 -COUNTER FIRRINGS TO GIVE 1:60 FALL
 -EAVES VENT EQUIVALENT TO MINIMUM 25MM CONTINUOUS STRIP
 -100MM KINGSPAN KOOLTHERM K7 BETWEEN JOISTS
 -ROOF RAFTERS ON 400 C/C, AS PER STRUCTURAL ENGINEER DESIGN AND SPECIFICATION
 -POLYTHENE VAPOUR CONTROL LAYER
 -40MM KOOLTHERM K118 (INCLUDING 12.5MM PLASTERBOARD)
 INTERNAL FINISH WITH 3MM SKIM
 U-VALUE = 0.13

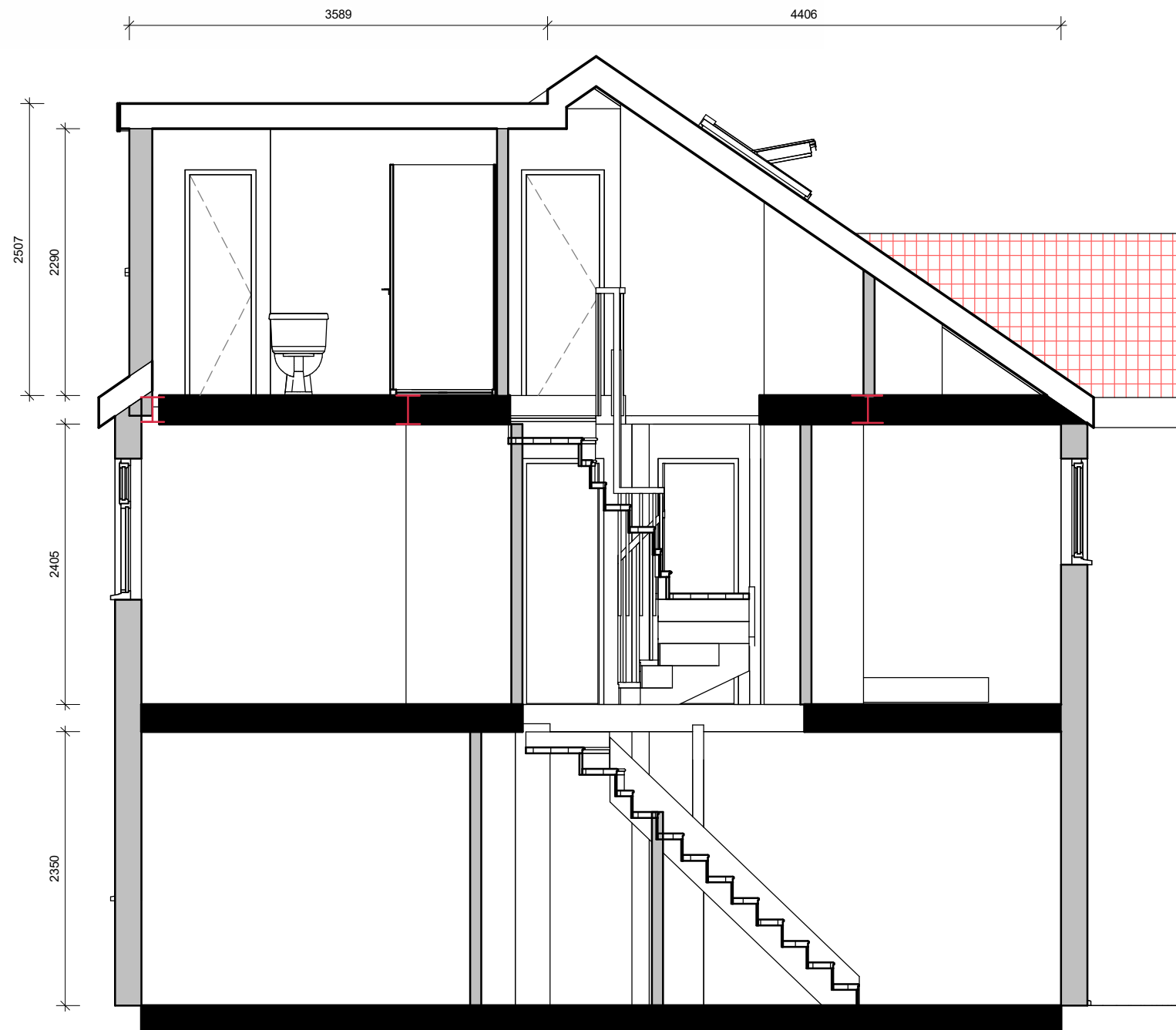
ROOF CONSTRUCTION (TOP TO BOTTOM)
 - EXISTING ROOF TILES
 - DUPONT TYVEK BREATHABLE MEMBRANE. 100 MM LAP BETWEEN RUNS SEALED BY THE PLACEMENT OF THE COUNTER-BATTEN OR TYVEK 1310D DOUBLE SIDED ACRYLIC JOINT TAPE
 - 100MM KINGSPAN KOOLTHERM K7 OR SIMILAR BETWEEN NEW ROOF RAFTERS ON 400 C/C WITH MIN 50MM VENTILATION ZONE:
 -VAPOUR CONTROL LAYER
 - 40MM PL4000 CELOTEX INSULATED SKIMMED & PAINTED PLASTERBOARD CEILING
 - U-VALUE = 0.13



BEST FIT SOLUTION
152 x 152 uc37^{IV}

-15MM MARINE PLY DECK
 -100MM KINGSPAN KOOLTHERM K103 (K VALUE- 0.018W/MK)
 -FLOOR JOIST TO S/ENGINEER'S DETAILS & CALCULATIONS
 -CEILING WITH 2 LAYERS OF PLASTERBOARD TOTAL MASS PER UNIT AREA 20KGLM2 WITH 3MM SKIM

FT-01



STAIRCASE

NEW STAIRCASE TO LOFT FLOOR TO BE TIMBER CONSTRUCTION TO FOLLOWING SPECIFICATION: RISERS MAXIMUM 220MM, TREADS 240MM MAX PITCH 40 DEGREES, WINDERS MINIMUM GOING AT NEW 150MM MIN CENTRE LINE 220MM, HANDRAIL 900MM ABOVE PITCH LINE MAX 1000MM, HEADROOM MIN 2000MM, ALL WALLS SURROUNDING NEW STAIRCASE TO FULL 1/2 HOUR FIRE RESISTENT. PROTECTED STAIRWAYS ARE DESIGNED TO PROVIDE VIRTUALLY "FIRE STERILE" AREA WHICH LEAD OF SAFETY OUTSIDE THE BUILDING.

WINDOWS/EXTERNAL DOORS

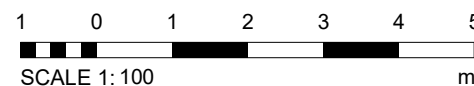
WINDOWS/EXTERNAL DOORS TO BE UPVC FRAMES COMPLETE WITH SEALED DOUBLE GLAZED UNITS IN A STYLE TO MATCH EXISTING INCORPORATING LOW-E GLASS (EMISSIVITY=0.05) AND 16MM AIR GAP TO ACHIEVE A 'U' VALUE NOT EXCEEDING 1.6W/M2K. WINDOWS/DOORS TO EXTENSION TO PROVIDE MIN 1/20TH FLOOR AREA NATURAL VENTILATION TO HABITABLE ROOMS AND TO INCORPORATE ADJUSTABLE HEAD VENTILATORS TO PROVIDE MIN. 4,000MM2 BACKGROUND VENTILATION TO SHOWER ROOM AND KITCHEN. GLAZING GLAZING IN CRITICAL LOCATIONS I.E. DOORS/SIDE PANELS AND LOW LEVEL WINDOWS WITHIN 800MM OF FFL SHALL BE IN SAFETY GLASS IN ACCORDANCE WITH THE REQUIREMENT OF APPROVED DOCUMENT K OF THE BUILDING REGULATIONS.

ROOF LIGHTS

MIN U-VALUE OF 1.6 W/M²K. ROOF-LIGHTS TO BE DOUBLE GLAZED WITH 16MM ARGON GAP AND SOFT LOW-E GLASS. WINDOW ENERGY RATING TO BE BAND C OR BETTER. ROOF LIGHTS TO BE FITTED IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS WITH RAFTERS DOUBLED UP TO SIDES AND SUITABLE FLASHINGS ETC.

INTERNAL DOORS

NEW INTERNAL DOOR LININGS AND FRAMES TO BE VENEERED SOFTWOOD TIMBER WITH PAINTED TIMBER ARCHITRAVES. INTERNAL DOORS TO BE SOLID CORE 44MM (30 MIN) OR 54MM (60 MIN FIRE RESISTANCE) WITH A VENEERED TIMBER FACE AND SOLID TIMBER LIPPINGS. FD30 DOOR LIPPINGS TO BE MIN. 6MM HARDWOOD WITH A DENSITY OF 640KG/M3. FD60 DOOR LIPPINGS TO BE MIN. 10MM HARDWOOD WITH A DENSITY OF 640KG/M3. ALL FD30 & 60 DOORS TO HAVE INTEGRATED INTUMESCENT FIRE SEALS TO BS 476 ALL INTERNAL DOORS (NON FIRE RATED) TO BE PROVIDED WITH A 10MM AIR . GAP BETWEEN THE BASE OF THE DOOR AND THE FLOOR COVERING, TO PROVIDE CROSS VENTILATION BETWEEN INTERNAL ROOMS.



Project	
8 DEVONSHIRE ROAD	
Sheet Proposed Section	
Drawn by	Date
TJP	25/2/2020
Project No.	Scale (@ A3)
SVK127	1 : 50
Drawing No.	REV
SVK105 -4	2
 SVK GROUP BUILDING DESIGN & DEVELOPMENT	
131 Penrose Avenue, WD19 t.patel@svkgroup.co.uk 07595511514	