

## WINDOWS

ALL NEW WINDOWS AND ROOF LIGHTS IN U.P.V.C OR H.W. FRAMES TO HAVE 20MM SEALED DOUBLE GLAZED UNITS INCORPORATING LOW EMISSIVITY 'K' GLASS TO ACHIEVE A MAXIMUM 1.4W/M<sup>2</sup> K VALUE.

## VENTILATION

ALL HABITABLE ROOMS TO HAVE AT LEAST 8000MM<sup>2</sup> BACKGROUND VENTILATION PROVIDED THROUGH TRICKLE VENTILATORS BUILT INTO WINDOW FRAMES OR 2 NO 225 X 150MM AIR BRICKS WITH LOUVRED CONTROLLABLE PLASTER VENTS. AT LEAST 4000MM<sup>2</sup> BACKGROUND VENTILATION TO BE PROVIDED TO KITCHENS, BATHROOMS AND UTILITY ROOMS. WINDOW FRAMES TO INCORPORATE OPENING VENTS EQUIVALENT TO AT LEAST 5% OF THE FLOOR AREA OF THE ROOM SERVED.

## WALL CONSTRUCTION

SELECTED BRICK OUTER LEAF, 100mm CAVITY FILLED WITH DRITHERM, ROCKWOOL OR 'XTRATHERM' INSULATION, 100mm CONCRETE BLOCKWORK INNER LEAF WITH 50mm GYPROC OR KINGSPAN THERMAL BOARD INSIDE OR  
BRICK OUTER LEAF 150mm CAVITY WITH 32mm DRITHERM 32 ULTIMATE CAVITY INSULATION AND 100mm CELCON SOLAR BLOCK WITH 12.5mm PB AND SICM

## SECTION THROUGH MAIN HOUSE

TIMBER ROOF TRUSS SUPPLIED/DESIGNED AND INSTALLED BY SPECIALIST WITH ALL BRACING STRAPPING ETC IN ACCORDANCE WITH BS 5750/ TRADA RECOMMENDATIONS. FULL DETAILS TO BE PROVIDED BY MANUFACTURER

## 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 LAID OVER RAFTERS AS SPECIFIED. 300MM FIBREGLASS QUILT INSULATION OVER AND BETWEEN JOISTS ON 9MM PB AND SKIM CEILING.

## ROOF CONSTRUCTION

175 X 50MM SC3 RAFTERS AT 400MM C/C 150MM KINGSPAN THERMOPITCH TP10 BETWEEN AND 25 TP10 TO U/SIDE WITH 9MM PB CEILING. ENDS OF RAFTERS TO BE BIRDSMOUTHED ONTO WALL PLATES END RAFTERS TO BE RAWL BOLTED TO GABLE END MASONRY AT 600C/C.

125mm OGEE  
PVC GUTTERING  
CLIPPED @  
800C/C

TRUSSES @  
600C/C

SUITABLE CATNIC OR  
I.C. LINTOLS OVER  
WINDOW AND DOOR OPENING

2N° 203X133mm  
30kg/m UB'S  
800C/C @ 600C/C  
SEATED ON P.C.C.  
PADSTONES

## FIRST FLOOR CONSTRUCTION

MOISTURE RESISTANT 21MM T&G BOARDING NAILED TO FLOOR JOISTS AS SPECIFIED WITH STRUTTING AT 1/4th SPAN 30 X 5 MM GALV. M.S. RESTRAINT STRAPS TO BE PROVIDED AT 1.8M CENTRES TO JOISTS PARALLEL TO WALLS FIXED TO AT LEAST 3 NO. JOISTS DOUBLE JOISTS TO BE BOLTED TOGETHER AT 600 C/C PLACED UNDER PARTITIONS FOR SUPPORT. 12MM PLASTERBOARD AND SKIM CEILING.

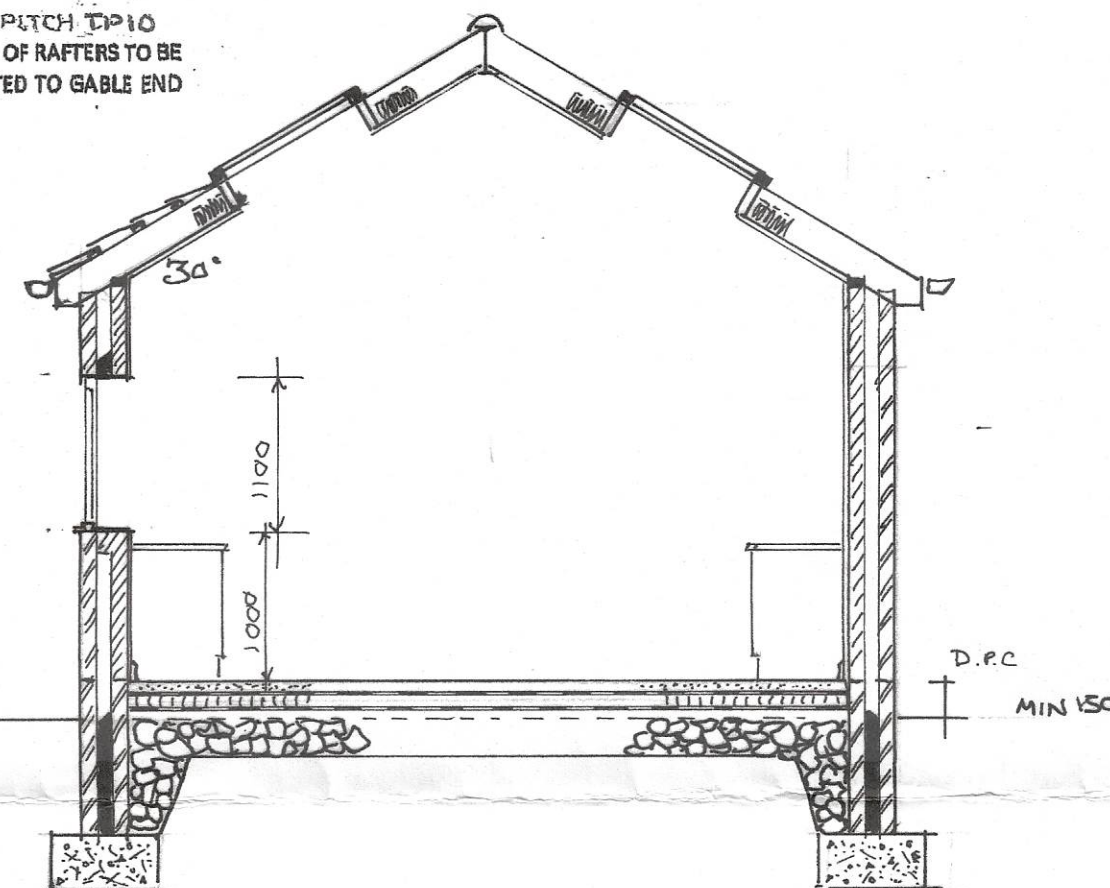
## TIMBER STAIRCASE

13 N° RISERS AT 196 TOTAL RISE 2548mm GOINGS 220mm FOR A MAX 42 DEG. PTCH. MIN 50MM GOINGS TO TAPERED TREADS STAIR WITH MIN 800 MM BETWEEN STRING HANDRAIL/BALUSTRADE 900MM HIGH WITH VERTICAL SPINDLES AT 100MM/C. MINIMUM 2000MM HEADROOM TO BE MAINTAINED OVER NEW AND EXISTING STAIR FLIGHTS.

## GROUND FLOOR

100MM CONCRETE SLAB WITH SELF LEVELLING SCREED AND FINISH TO CLIENT'S CHOICE ON 120MM 'CELOTEX' ON 1200 G VISQUEEN DPM ON 50MM SAND BLINDING OVER 150MM WELL CONSOLIDATED BRICK HARDWARE. INSULATION BOARD TO BE TURNED UP AT EDGE OF SLAB, D.P.C. AND D.P.M. TO BE LAPPED AND BONDED.

## SECTION THROUGH SINGLE STOREY



CLIENT  
MR. B. MAGUIRE

SCHEME  
NEW DETACHED  
DWELLING

ADDRESS  
FORMER VILLAGE HALL CAR  
PARK, MAYPOLE FARM  
COURT, KNOXLEY VILLAGE.

DRAWING NUMBER  
SECTIONS  
BK02

DATE  
JAN 2024  
DRAWN  
CHECKED

