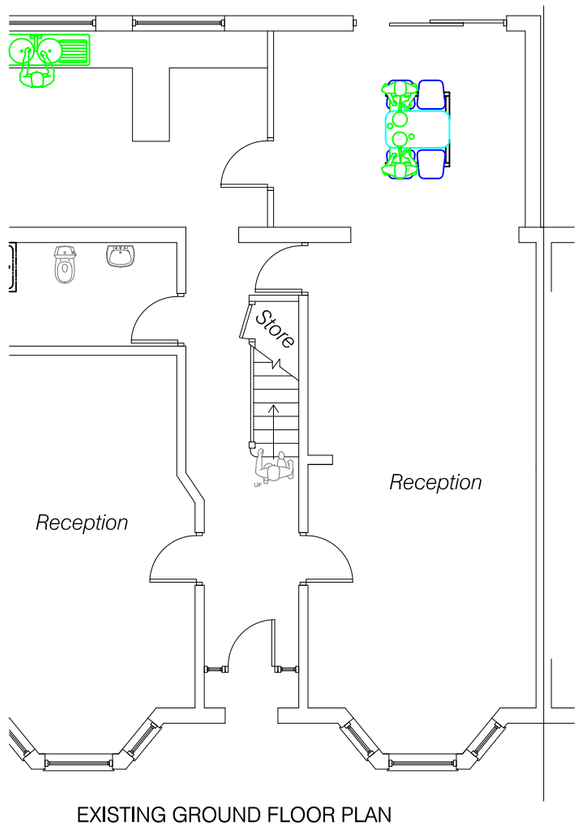
EXISTING FRONT ELEVATION
SCALE 1:100

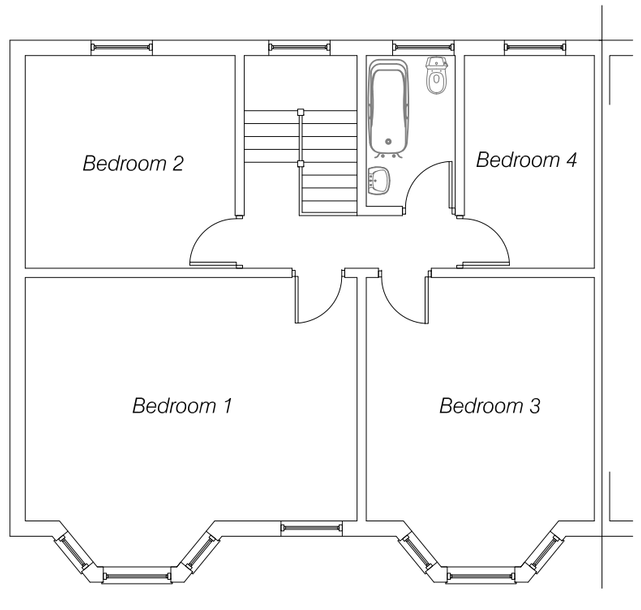
EXISTING REAR ELEVATION
SCALE 1:100

PROPOSED FRONT ELEVATION
SCALE 1:100

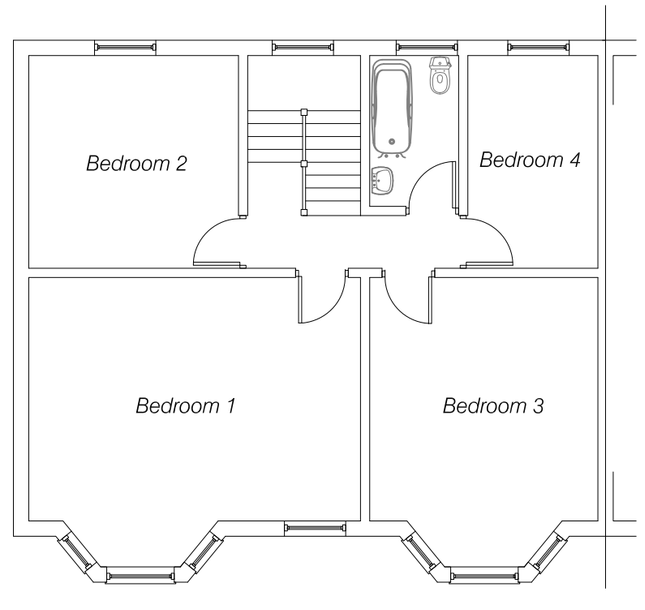
PROPOSED REAR ELEVATION
SCALE 1:100



EXISTING GROUND FLOOR PLAN
SCALE 1:100



EXISTING FIRST FLOOR PLAN
SCALE 1:100



PROPOSED FIRST FLOOR PLAN
SCALE 1:100

UPVC FRAMED DOUBLE GLAZED UNITS CONSISTING OF 6mm INNER GLASS - 16mm INERT FILLED CAVITY - 4mm OUTER GLASS WITH LOW-E COATING WITH EN OF 0.05. BEDROOM TO INCORPORATE 8000m² TRICKLE VENT; WC TO INCORPORATE 4000m² TRICKLE VENT. PROVIDE TOUGHENED GLASS IF BELOW 800mm FROM FLOOR LEVEL. MAXIMUM U-VALUE 1.8W/M²K

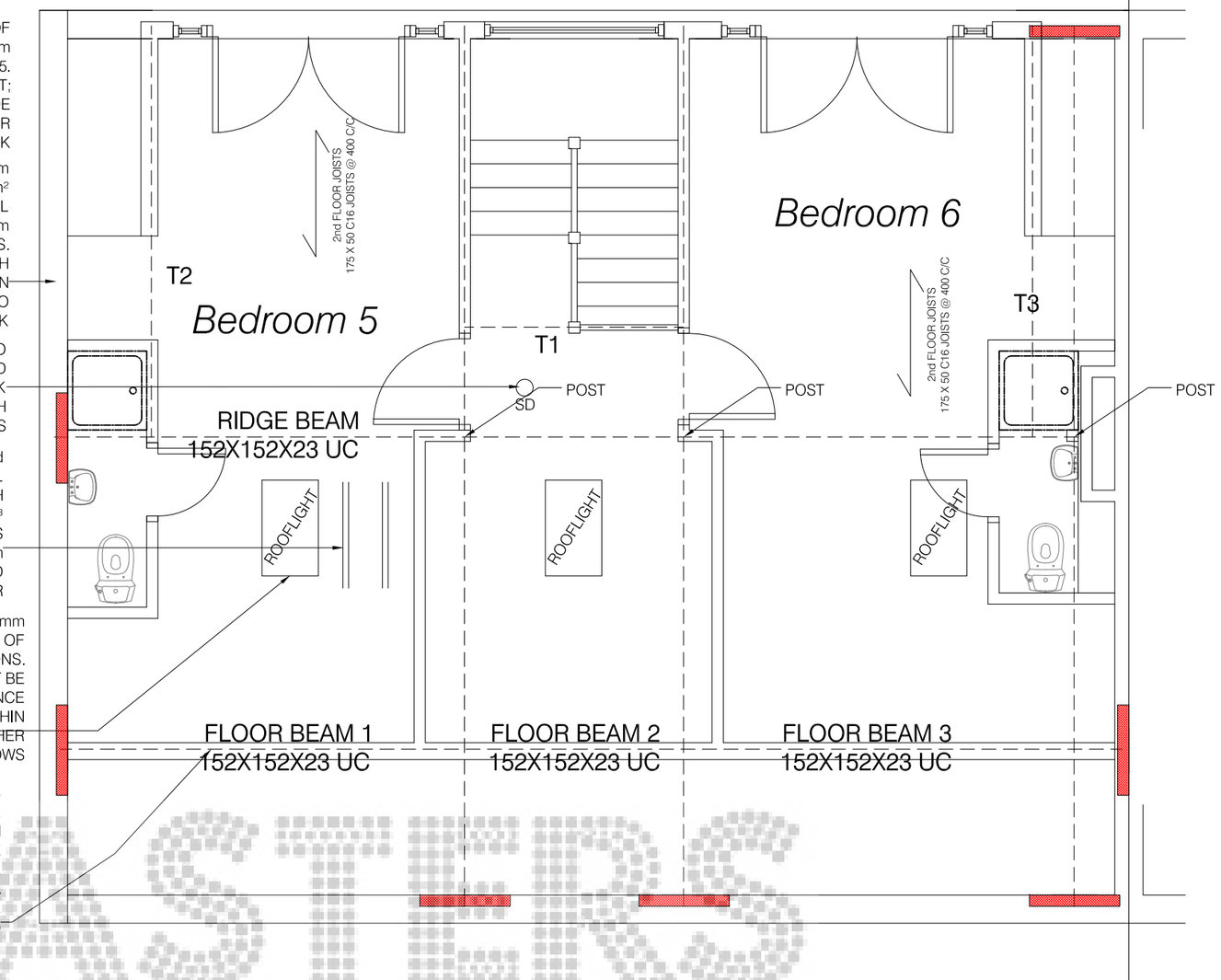
EXTERNAL WALL TO COMPRISE OF 215mm THICK THERMALITE SHIELD 4N/mm² BLOCKWORK ON EXISTING WALL. INSTALL EXPANSION JOINTS IN BRICKWORK AT 3m APART/TO MANUFACTURERS INSTRUCTIONS. INSULATE THE INNER SIDE OF THE WALL WITH 57.5mm KINGSPAN THERMAWALL INSULATION BOARD OR SIMILAR APPROVED ALL TO ACHEIVE A MINIMUM U-VALUE OF 0.3 W/M²K

MAINS OPERATED SMOKE DETECTORS TO BS5446, TO GROUND, 1st AND 2nd FLOOR LANDINGS CONNECTED DIRECT TO CONSUMER UNIT TO BS5839. INTERLINK SMOKE ALARMS AND INSTALL IN ACCORDANCE WITH PART B1 OF THE BUILDING REGULATIONS

INSUALTION TO NEW 2nd FLOOR 100mm THICK MINERAL WOOL INSULATION WITH MINIMUM DENSITY OF 10Kg/m³ FIXED BETWEEN NEW JOISTS ON CHICKEN WIREAND 25mm TONGUE AND GROOVED BOARDING NAILED OVER

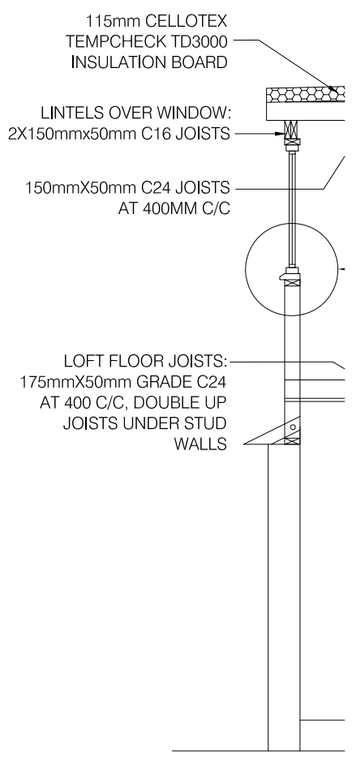
VELUX ESCAPE WINDOW: 500mm WIDE AND 850mm HEIGHT. ALL MOE WINDOWS OPEN TO IN EXCESS OF 0.33m³ AS REQUIRED BY THE BUILDING REGUALTIONS. MINIMUM DISTANCE FROM EAVES MUST NOT BE GREATER THAN 1700mm AND THE MINIMUM DISTANCE FROM THE LOFT FINISHED FLOOR HAS TO BE WITHIN 800mm TO 1100mm. DOUBLE UP AND BOLT TOGETHER RAFTERS EACH SIDE OF VELUX WINDOWS

BEAMS TO SE CALCULATIONS AND DETAILS. ALL STRUCTURAL ELEMENTS TO RECEIVE 60 MIN FIRE PROTECTION TO THE APPROVAL OF THE LOCAL BUILDING CONTROL INSPECTOR. (2 LAYERS OF GYPROC FIRELINE BOARD, OR SIMILAR APPROVED)



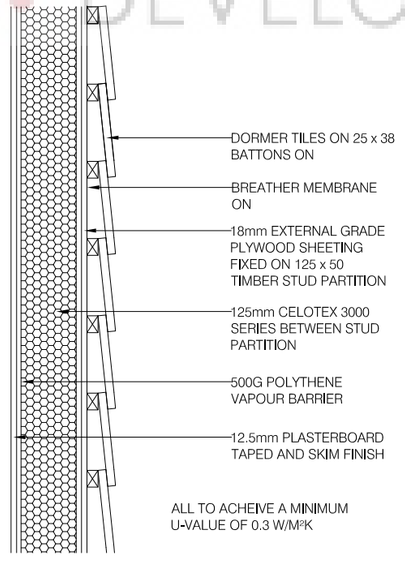
PROPOSED LOFT FLOOR PLAN
SCALE 1:50

DORMER CHEEK WITHIN 1m OF PARTY WAL OF 6mm SUPALUX FIRE BOARD OUTSIDE PL

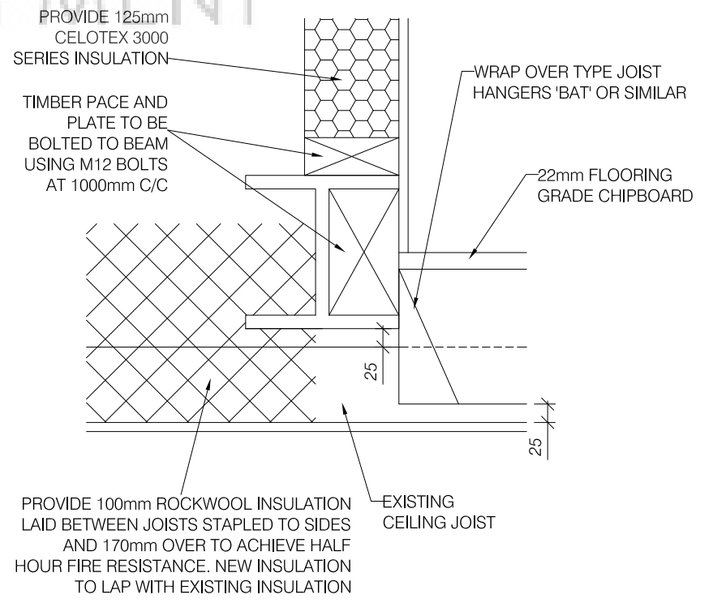


STRUCTURAL RESULTS
(TO BE READ IN CONJUNCTION WITH ENGINEERING CALCULATIONS)

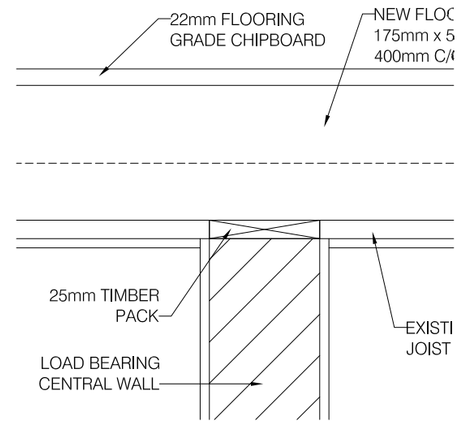
LOFT FLOOR JOISTS		175 x 50 C16	@ 400 C/C (REDUCE SPACING TO 300 C/C UNDER PARTITION)
FLAT ROOF JOISTS		150 x 50 C16	@ 400 C/C
PITCHED ROOF RAFTERS -		150 x 50 C16	@ 400 C/C
TRIMMER	T1	2No 175 x 50 C16	JOISTS BOLTED TOGETHER
TRIMMER	T2-T3	3No 175 x 50 C16	JOISTS BOLTED TOGETHER
POST		100 x 100 C24	
BEAM	B1	152 x 152 x 23 UC	
BEAM	B2	152 x 152 x 23 UC	
BEAM	B3	152 x 152 x 23 UC	
BEAM	B4	203 x 203 x 71 UC	WITH BEARING PLATE 500 x 100 x 30
BEAM	B5	203 x 203 x 71 UC	WITH BEARING PLATE 500 x 100 x 30
RIDGE BEAM		152 x 152 x 23 UC	



DETAIL③: DORMER FACE / CHEEK DETAIL



DETAIL④: SECTION DETAIL



DETAIL⑤: FLOOR JOIST TO BEARING WALL D