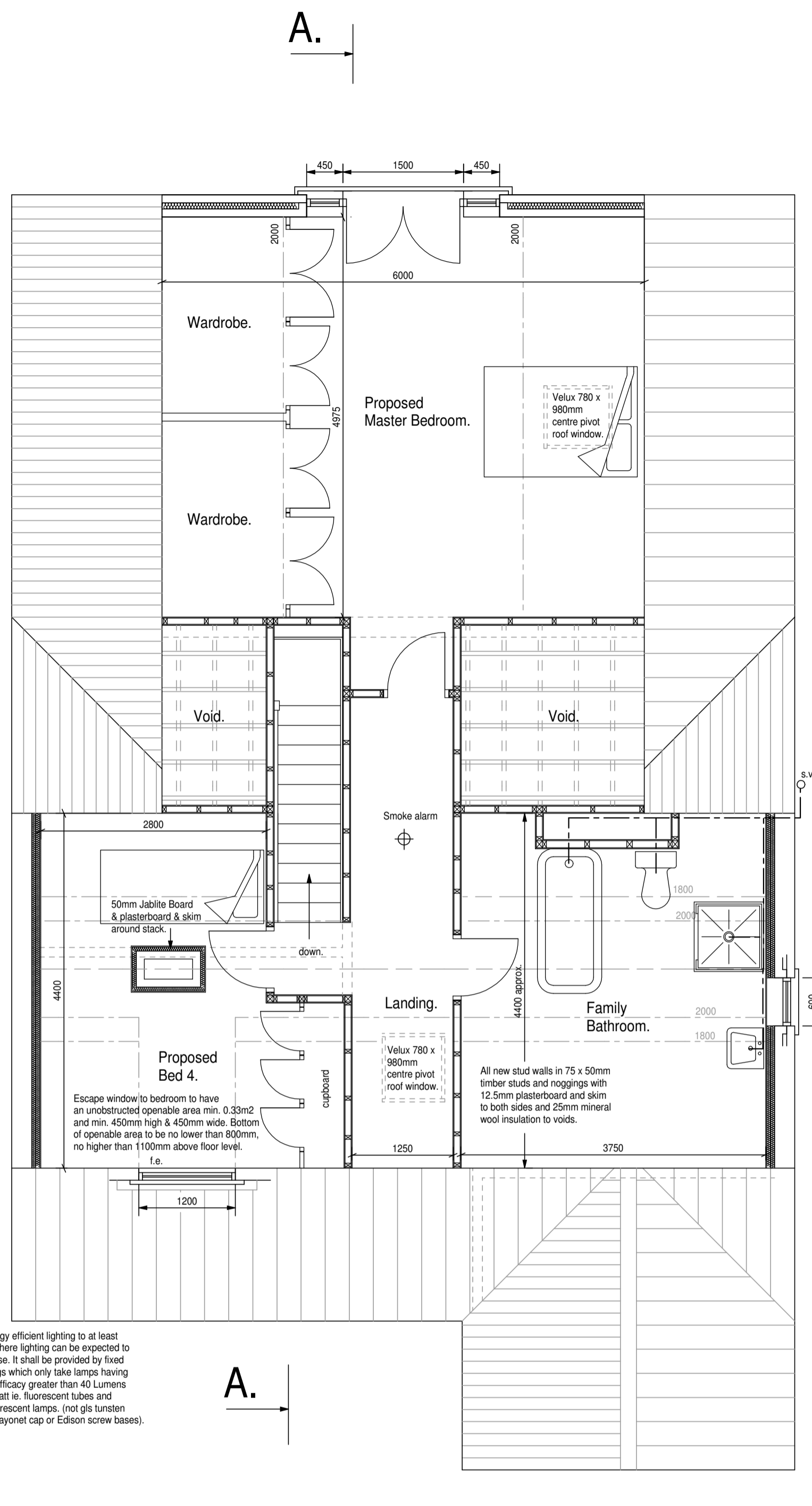
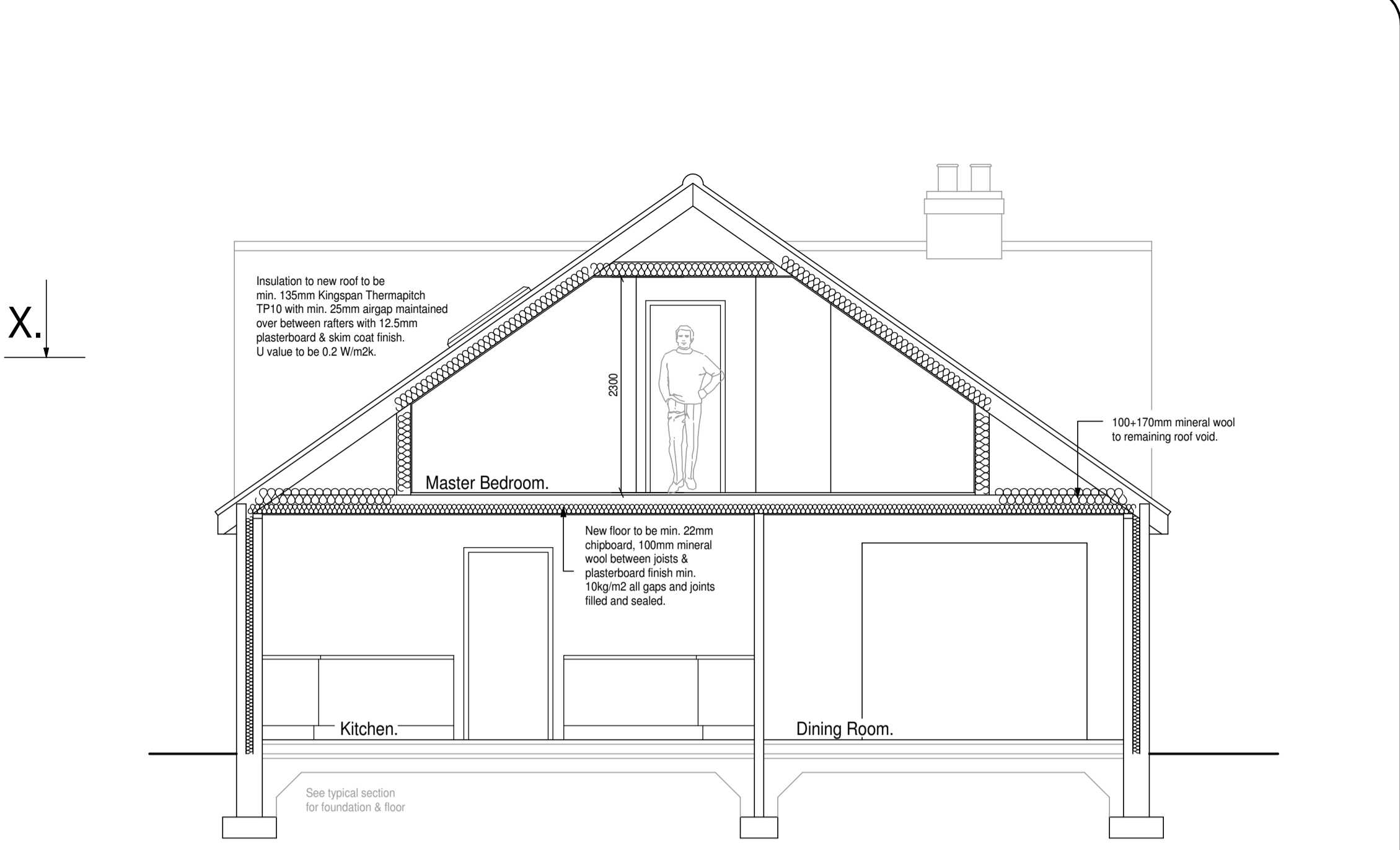


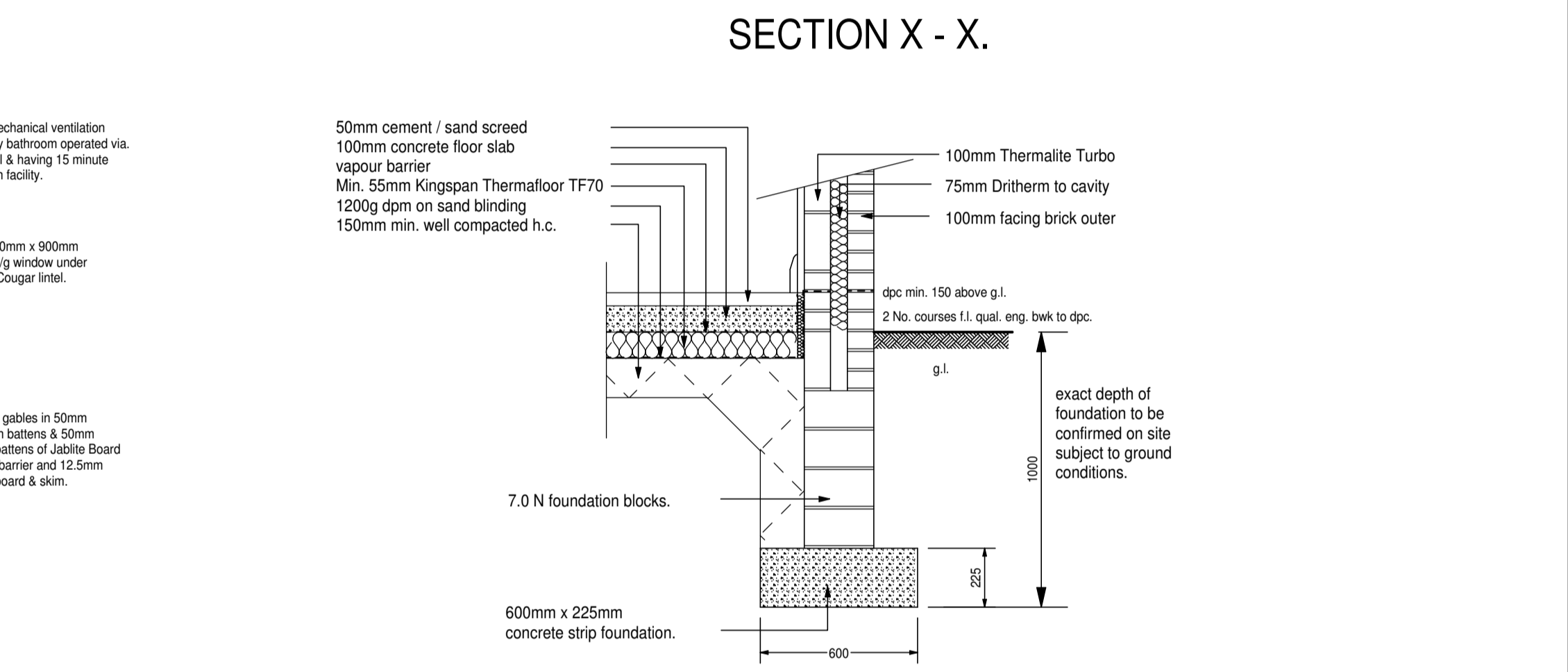
PROPOSED GROUND FLOOR PLAN.



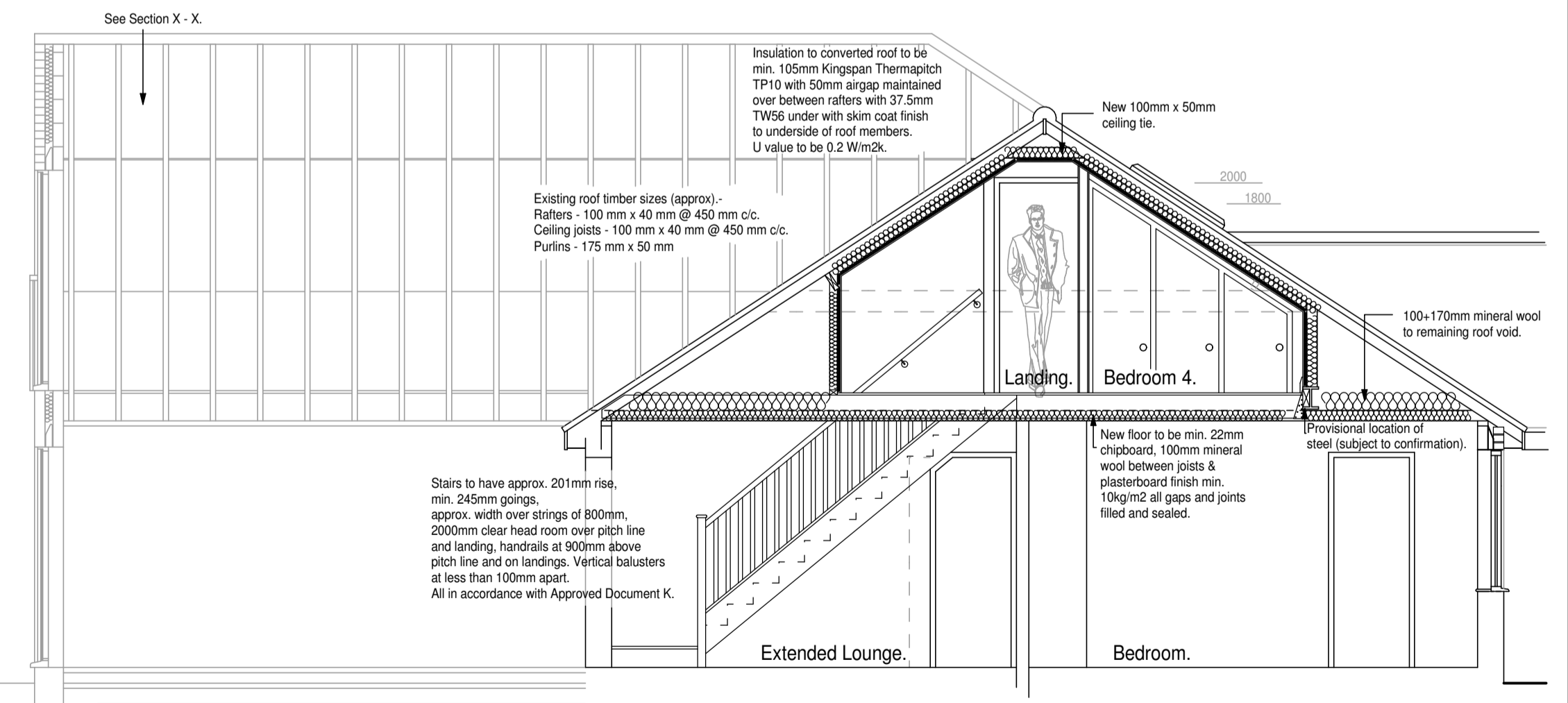
PROPOSED FIRST FLOOR PLAN.



SECTION X - X.



TYPICAL SECTION - FOUNDATION & FLOOR DETAIL TO NEW EXTENSION.



SECTION A - A.

**BUILDING REGULATION COMPLIANCE NOTES.**

**CONVERSION OF EXISTING ROOF SPACE:**

LOFT INSULATION AT RAFTER LEVEL AS FOLLOWS:  
105mm KINGSPAN THERMAPITCH TP10 BETWEEN RAFTERS (BATTEN RAFTERS AS NECESSARY), 50mm AIRGAP OVER INSULATION, 37.5mm (PRODUCT THICKNESS) KINGSPAN THERMAWALL TWES TO UNDERSIDE OF RAFTERS ALL IN ACCORDANCE WITH KINGSPAN INSTRUCTIONS.  
- U VALUE TO BE 0.2W/m2 OR BETTER.  
ROOF VENTILATED AT RIDGE AND EAVES EQUIVALENT TO MIN. 25mm CONTINUOUS GAP AT EAVES & 10mm AT RIDGE.  
FORM OPENING THROUGH & FIT NEW STAIRCASE AS DETAILED ON SECTION WITH HANDRAIL AT 900mm ABOVE PITCHLINE, 900mm ABOVE LANDINGS WITH VERTICAL BALUSTERS AT LESS THAN 100mm c/c.  
DOUBLE JOIST TRIMMING AROUND STAIRCASE.  
NEW FLOOR JOIST DIMENSIONS SHOWN ON PLAN.  
GALVANISED STRAPS INTO GABLE WALLS AT 2000mm c/c MAX. ALL EXISTING CEILING JOISTS TO BE RETAINED AND STRAPPED SECURELY TO NEW JOISTS WHERE ANY EXISTING SUPPORT IS REMOVED. ALL STUD WALLS IN 75mm / 100mm x 50mm SW AND PLASTERBOARD AND SKIM.  
DOUBLE JOISTS / SOLID BRIDGING UNDER STUD WALLS. INSULATE GABLE WALLS AS SHOWN ON PLAN.

**EXTENSION & ATTIC TRUSS LOFT AREA:**

EXCAVATE FOR & CONSTRUCT FOUNDATIONS, SOLID GROUND FLOOR AND CAVITY WALLING AS PER TYPICAL SECTION. S.S. WALL TIES AT 5 PER SQUARE METRE, 450mm c/c VERTICALLY, 900mm c/c HORIZONTALLY & 25mm c/c VERTICALLY AT OPENINGS.  
CONCRETE TILES ON 50mm x 25mm BATTENS ON BREATHABLE FELT ON ATTIC TRUSSES TO BS 5268 BY SPECIALIST SUPPLIER. CALCULATIONS TO BE SUPPLIED FOR CHECKING & APPROVAL BEFORE WORK COMMENCES.  
GALVANISED STRAPS TO 100mm x 50mm WALLPLATES.  
UP-GABLE & AT CEILING LEVEL CROSSING MIN. 3 No. MEMBERS.  
LOFT INSULATION AT RAFTER LEVEL AS FOLLOWS:  
135mm KINGSPAN THERMAPITCH TP10 BETWEEN RAFTERS 25mm AIRGAP OVER INSULATION ALL IN ACCORDANCE WITH KINGSPAN INSTRUCTIONS. U VALUE TO BE 0.2W/m2 OR BETTER.

**GENERAL NOTES:**

SMOKE DETECTORS TO BS 5446 PT 1 IN ACCORDANCE WITH APPROVED DOC. B OF BUILDING REGULATIONS.  
ALL FIRST FLOOR ROOMS TO HAVE A MEANS OF ESCAPE COMPATIBLE WINDOW WHICH MEETS THE FOLLOWING DIMENSIONS: MIN. 450mm CLEAR OPENING WIDTH, MIN. 450mm CLEAR OPENING HEIGHT, MIN. OPENING AREA 0.33 SQ. METRES, BOTTOM OF OPENABLE AREA TO BE BETWEEN 800mm & 1100mm HIGH ABOVE FLOOR LEVEL.  
ALL NEW WINDOWS & DOORS TO COMPLY WITH APPROVED DOCUMENT L ('U' VALUE OF 1.8 W/m2K OR BETTER) AND TO BE EQUIPPED WITH SAFETY GLASS IN CRITICAL LOCATIONS (APPROVED DOCUMENT N).  
WINDOWS TO ALL ROOMS TO HAVE TRICKLE VENTILATION EQUAL TO 8000 sq. mm (HABITABLE ROOMS) AND 4000 sq. mm TO NON-HABITABLE ROOMS.  
MINIMUM 1/20TH FLOOR AREA OPENINGS TO HABITABLE ROOMS.  
EXISTING WET CENTRAL HEATING SYSTEM TO BE EXTENDED TO SERVE ADDITIONAL ROOMS WITH NEW RADIATORS, SELECTED & INSTALLED BY QUALIFIED INSTALLER WITH THERMOSTATIC VALVES TO ALL RADIATORS. ALL RELEVANT PIPEWORK TO HAVE INSULATION THICKNESS EQUAL TO PIPE DIAMETER OR 40mm MAX. INCLUDING ANY PIPE RUNS THROUGH UNHEATED AREAS.

ALL WORK REQUIRED TO COMPLY WITH APPROVED DOC. P IS TO BE CARRIED OUT BY A PERSON COMPETENT TO DO SO. A CERTIFICATE ISSUED BY A COMPETENT PERSON TO PROVE THAT THE WORK HAS BEEN INSTALLED AND TESTED & FOUND TO COMPLY WITH PART P WILL BE REQUIRED BY BUILDING CONTROL ON COMPLETION.

NOTE:  
THIS DRAWING IS INTENDED FOR CONSULTATION PURPOSES ONLY AND IS SUBJECT TO CHANGE. WORK SHOULD NOT BE STARTED UNTIL FULL APPROVAL UNDER BOTH PLANNING AND BUILDING REGULATIONS IS GRANTED.  
All dimensions are approximate & to be checked on site.

Drawing title: PROPOSED PLANS, SECTIONS AND COMPLIANCE NOTES.

Revisions:

Client: [REDACTED]

Drawing No. [REDACTED] Scale: [REDACTED] Date: [REDACTED]

Project: [REDACTED]

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