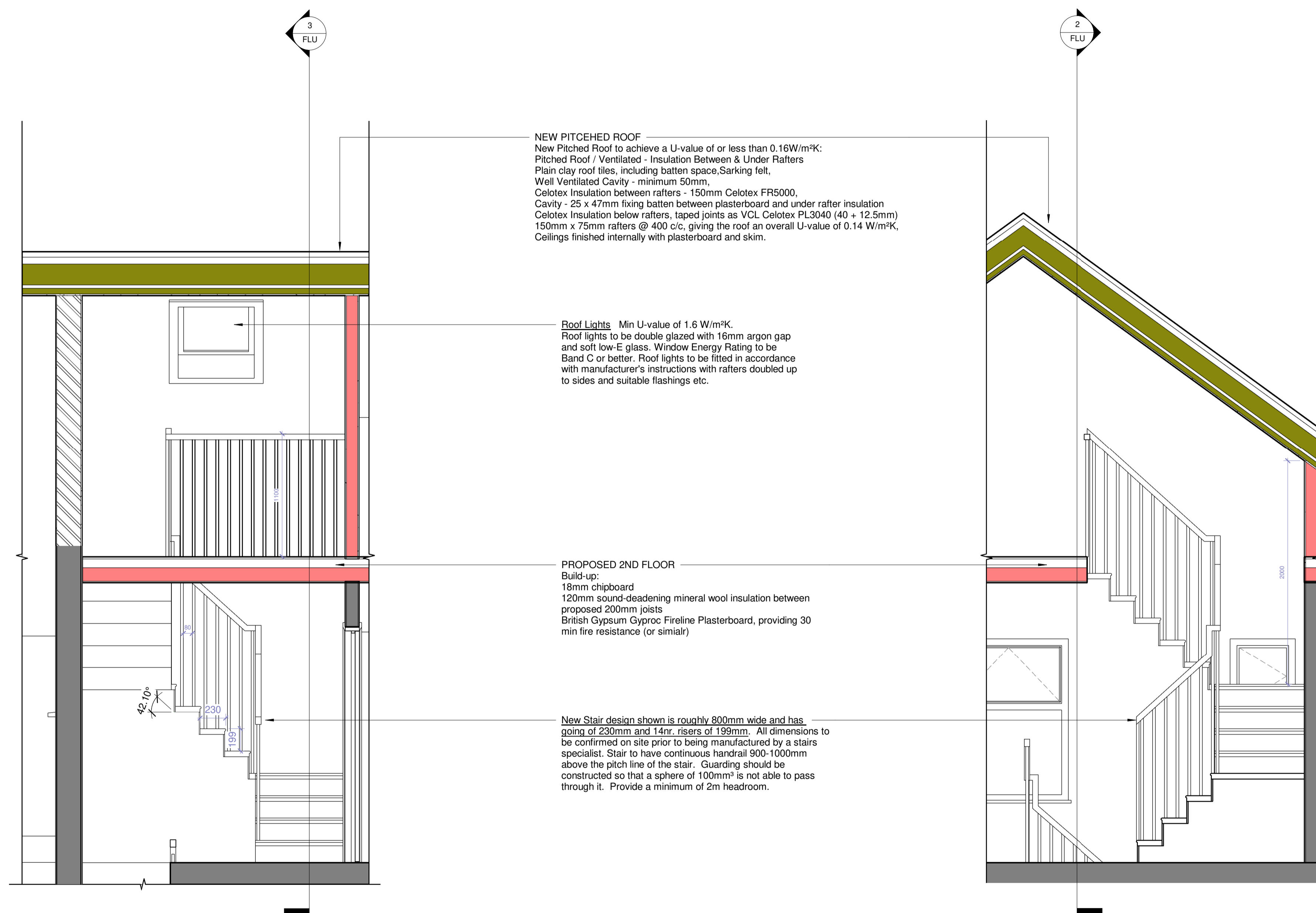


IMPORTANT NOTE:
 THIS DRAWING IS INTENDED FOR THE LOCAL AUTHORITY BUILDING CONTROL DEPARTMENT TO HELP ILLUSTRATE COMPLIANCE TO THE BUILDING REGULATIONS. SHOULD THE BUILDER CHOOSE TO FOLLOW THE DRAWING, THEY ARE TO TAKE FULL RESPONSIBILITY FOR THE CONSTRUCTION OF THE BUILDING INCLUDING THE COMPLIANCE TO THE BUILDING REGULATIONS, WORKMANSHIP, LOCATIONS OF STEELS, FINAL DETAILS AND APPEARANCE OF THE BUILDING. DIMENSIONS, LEVELS AND EXISTING CONSTRUCTION MATERIALS ARE TO BE CHECKED ON SITE PRIOR TO THE CONSTRUCTION OF THE PROPOSED WORKS BY THE BUILDER.
 ALL STRUCTURAL ALTERATIONS TO BE OVERSEEN BY A STRUCTURAL ENGINEER. REFER TO STRUCTURAL ENGINEER'S DETAILS FOR STEEL LOCATIONS AND SIZES.



NEW PITCHED ROOF
 New Pitched Roof to achieve a U-value of or less than 0.16W/m²K:
 Pitched Roof / Ventilated - Insulation Between & Under Rafters
 Plain clay roof tiles, including batten space, Sarking felt,
 Well Ventilated Cavity - minimum 50mm,
 Celotex Insulation between rafters - 150mm Celotex FR5000,
 Cavity - 25 x 47mm fixing batten between plasterboard and under rafter insulation
 Celotex Insulation below rafters, taped joints as VCL Celotex PL3040 (40 + 12.5mm)
 150mm x 75mm rafters @ 400 c/c, giving the roof an overall U-value of 0.14 W/m²K,
 Ceilings finished internally with plasterboard and skim.

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 manufacturer's instructions with rafters doubled up to sides and suitable flashings etc.

PROPOSED 2ND FLOOR
 Build-up:
 18mm chipboard
 120mm sound-deadening mineral wool insulation between proposed 200mm joists
 British Gypsum Gyproc Fireline Plasterboard, providing 30 min fire resistance (or similar)

New Stair design shown is roughly 800mm wide and has going of 230mm and 14nr. risers of 199mm. All dimensions to be confirmed on site prior to being manufactured by a stairs specialist. Stair to have continuous handrail 900-1000mm above the pitch line of the stair. Guarding should be constructed so that a sphere of 100mm³ is not able to pass through it. Provide a minimum of 2m headroom.

- KEY:**
- Thermal insulation
 - Acoustic insulation
 - Proposed drains
 - Existing drains
 - Proposed rain water
 - Existing walls to be removed
 - Code 5 lead
 - DPM/Breahter Membrane
 - Proposed floor
 - Existing structure
 - Smoke alarm
 - Heat detector
 - Fire Door - 30mins

2 Section 2
 1 : 25

3 Section 3
 1 : 25

Rev	Description	Date

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Detailed Section 2

Scale @ A1 1 : 25	Drawing number FLU
Date	Rev
Drawn by	