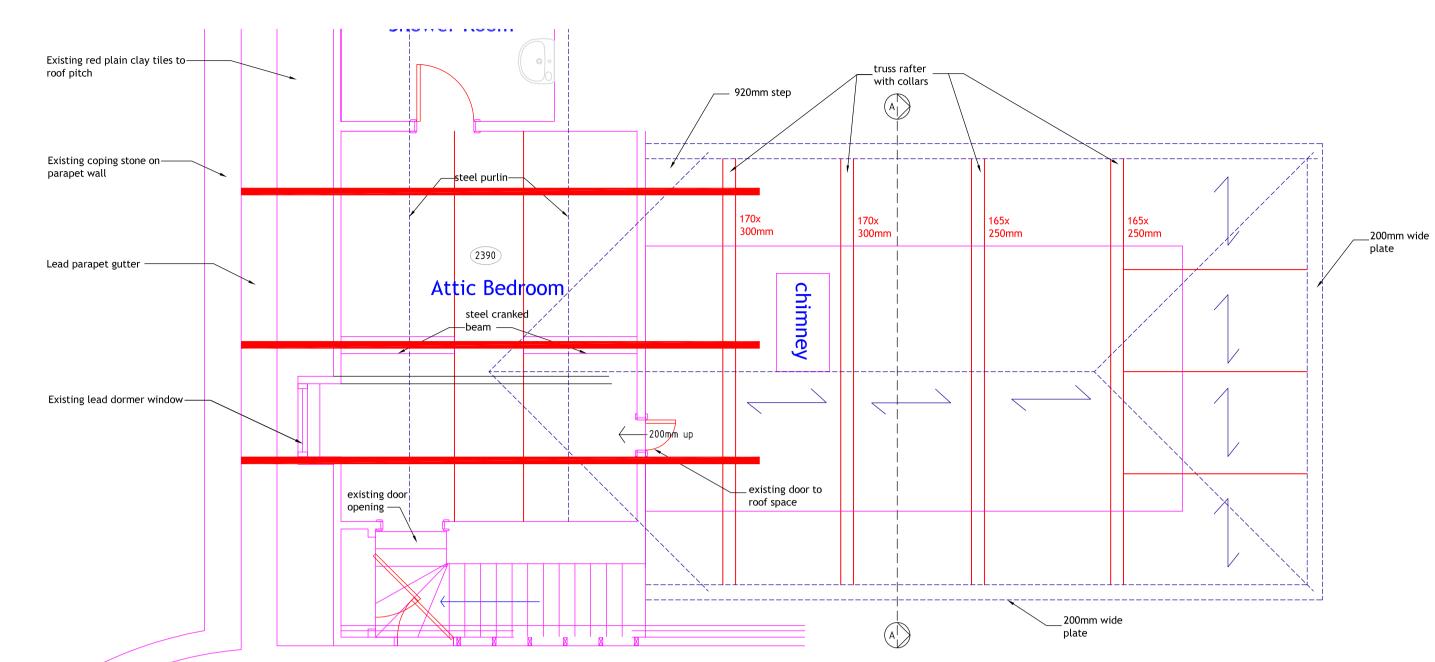
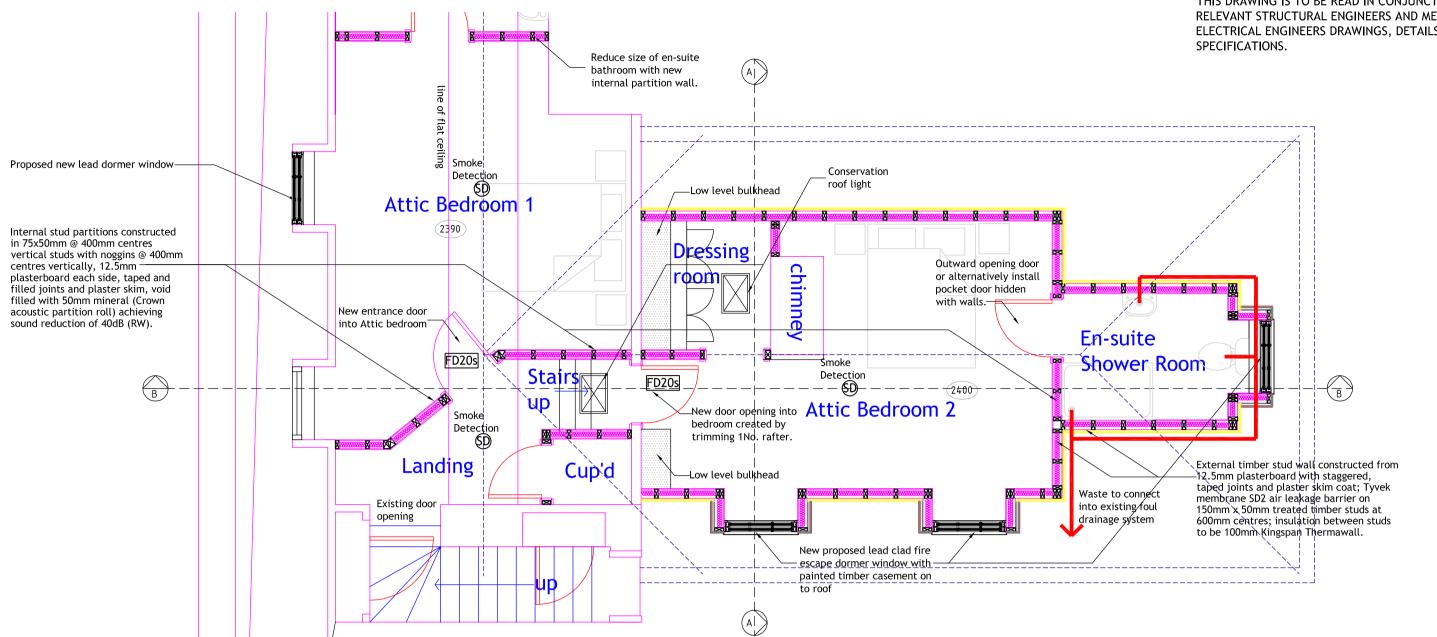


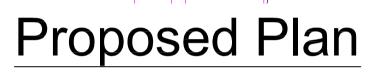
DO NOT SCALE FROM THIS DRAWING. ALL LEVELS, ANGLES AND DIMENSIONS TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORKS.

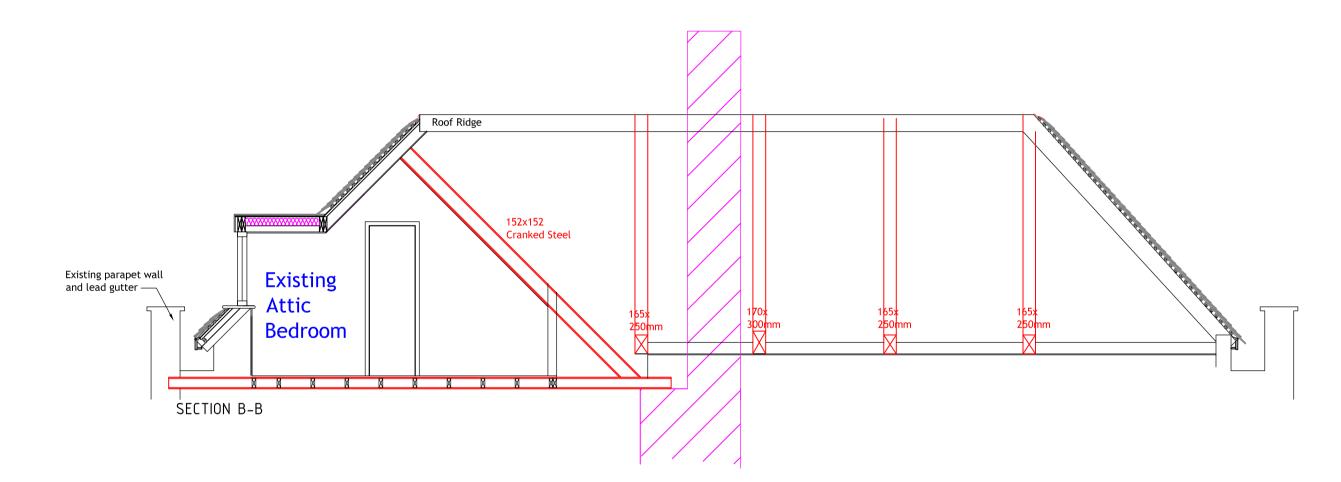
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL ENGINEERS AND MECHANICAL AND ELECTRICAL ENGINEERS DRAWINGS, DETAILS AND

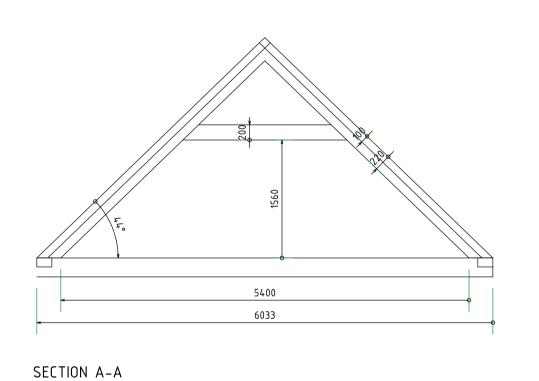




# **Existing Plan**





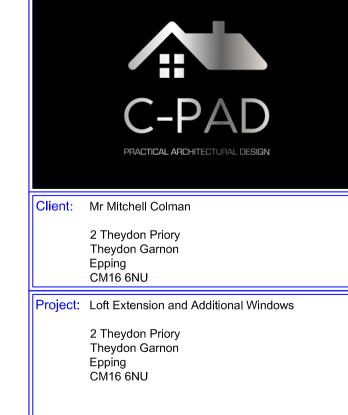


## **Existing Loft Section**

### Pitched roof insulation to be Celotex GA4000 60mm thick fitted tight between Velux windows to be double glazed, conservation type and have locking rafters (Ensuring 50mm ventilation gap ironmongery to ensure background ventilation between insulation and felt) and Celotex New door opening into Door opening into of at least 8000 per sq. mm per habitable -PL4000 70mm thick over rafters. Achieving 250mm quilt insulation to bedroom created by 2No. — Existing chimney breast room and 4000 sq. mm for other rooms. dressing room a U-value of 0.18W/m²K for roof roof void, cross-laid to 100x200mm trimming joist Habitable rooms to have opening window area Roof Ridge achieve 0.16 W/m<sup>2</sup>K. equivalent to 1/20th of room floor area. to take load of cut rafter. New lead clad dormer window with painted casement and slim double - New lead clad External timber stud wall constructed from 12.5mm plasterboard with staggered, taped joints and plaster skim coat; Tyvek membrane Existing dormer window — SD2 air leakage barrier on 150mm x 50mm treated timber studs at 600mm centres; insulation between studs to be 100mm Attic Bedroom 2 Attic Existing parapet wall Bedroom ' Bedroom Existing timber trusses with 220mm Floor joists spaning between existing timbers on GMS joist hangers at 450mm c/c's with 100mm Rockwool SECTION A-A deep x 12mm thick flitch plates — - 3No. riser up to Attic Bedroom 2. —— 'Flexi' insulation laid between, with 12.5mm installed full length and either side plasterboard ceiling beneath and 22mm T&G flooring SECTION B-B as per Structural Engineers design. grade chipboard over (mass per unit area 12.4kg/m)

### Proposed Loft Section

# **Building Control Issue**



ate:	Drawn by:	Checke

Title: Loft Section / Structural Details

Date:	Drawn by:	Checked by:
March 2019	Cem Orhan	
Scale @ A1:	Drawing no.:	Revision:
1:50 / 1:100	C-PAD/02/19/106	1