




















**Demolition and Structural Key**

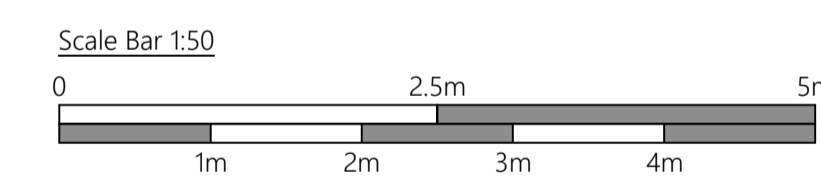
-  Steel Beam strictly to engineer's design and details
-  Element to be demolished
-  Disturbance to existing wall to be made good
-  Direction of floor joists/beam and block
-  Direction of ceiling joists/trusses above

**Fire Strategy Key**

-  Illuminated 'Fire Exit' signage
-  Emergency Escape Window
-  Fire Action Notices
-  Fire Door - Keep Shut
-  Fire Door - Keep Locked
-  60 Minutes Fire Resistant Door with Combined intumescent heat and cold smoke Seals
-  60 Minutes Fire Resistant Door with Combined intumescent heat and cold smoke Seals
-  Self Closing device to comply with BS EN 1154
-  Indicates Vision Panel
-  Indicates walls achieving 30 minute fire resistance - walls taken up to underside of roof finish and fire / acoustic stopped.
-  Indicates walls achieving 60 minute fire resistance - walls taken up to underside of roof finish and fire / acoustic stopped.

**Wall Specifications**

-  300mm cavity wall construction, comprising external skin of 102.5mm facing brickwork, bond and colour to match existing, two skin of 100mm low density (min. compressive strength 3.5N/m<sup>2</sup>) load bearing approved blockwork, 100mm wide cavity insulated with 10mm wide cavity insulated with Partial fill Kingspan Kooltherm K10S (70mm thickness with 40mm cavity or similar approved, installed in strict accordance manufacturer's written instructions)
-  Internal wall lining: 75mm timber stud with 12.5mm plasterboard WALLBOARD 10 finish to both sides, 50mm APR Isover acoustic roll to provide sound insulation between rooms and bathrooms
-  Internal wall lining: 75mm timber stud with 12.5mm plasterboard WALLBOARD 10 finish to both sides
-  215mm dormer wall construction, comprising external skin of approved vertical plan tiling, 38x25mm s/w timber battens fixed to 38x38mm s/w timber counter battens @ 600mm centers. Breather membrane, 50x100mm timber studs @ 600mm centers, 15mm Wallboard, installed in strict accordance manufacturer's written instructions.



**TECHNICAL DRAWINGS**

22041 - B - 103 A

PROJECT / Proposed works to 52 Vicarage Avenue Derby

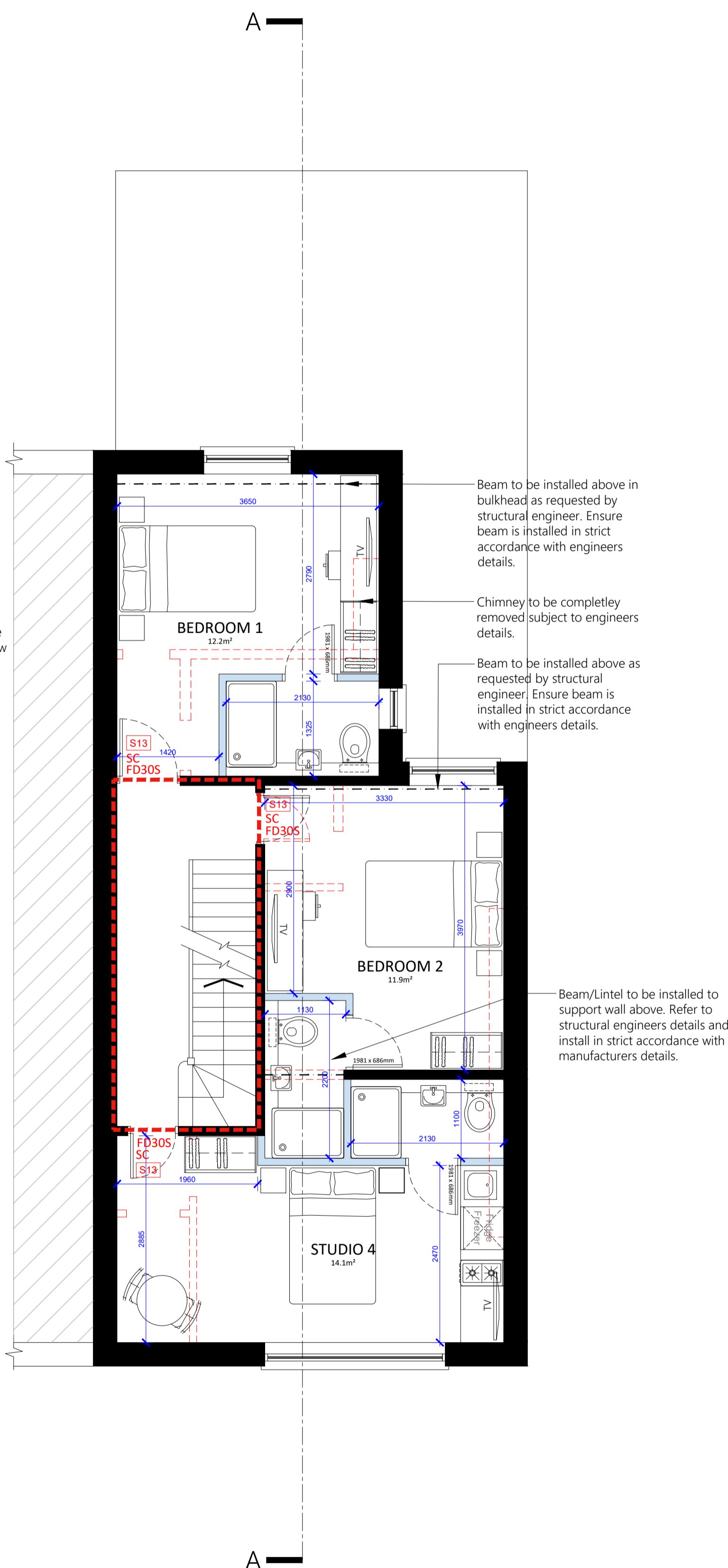
TITLE / Proposed General Arrangement

SCALE / 1:50 @ A1 DRAWN BY / RA

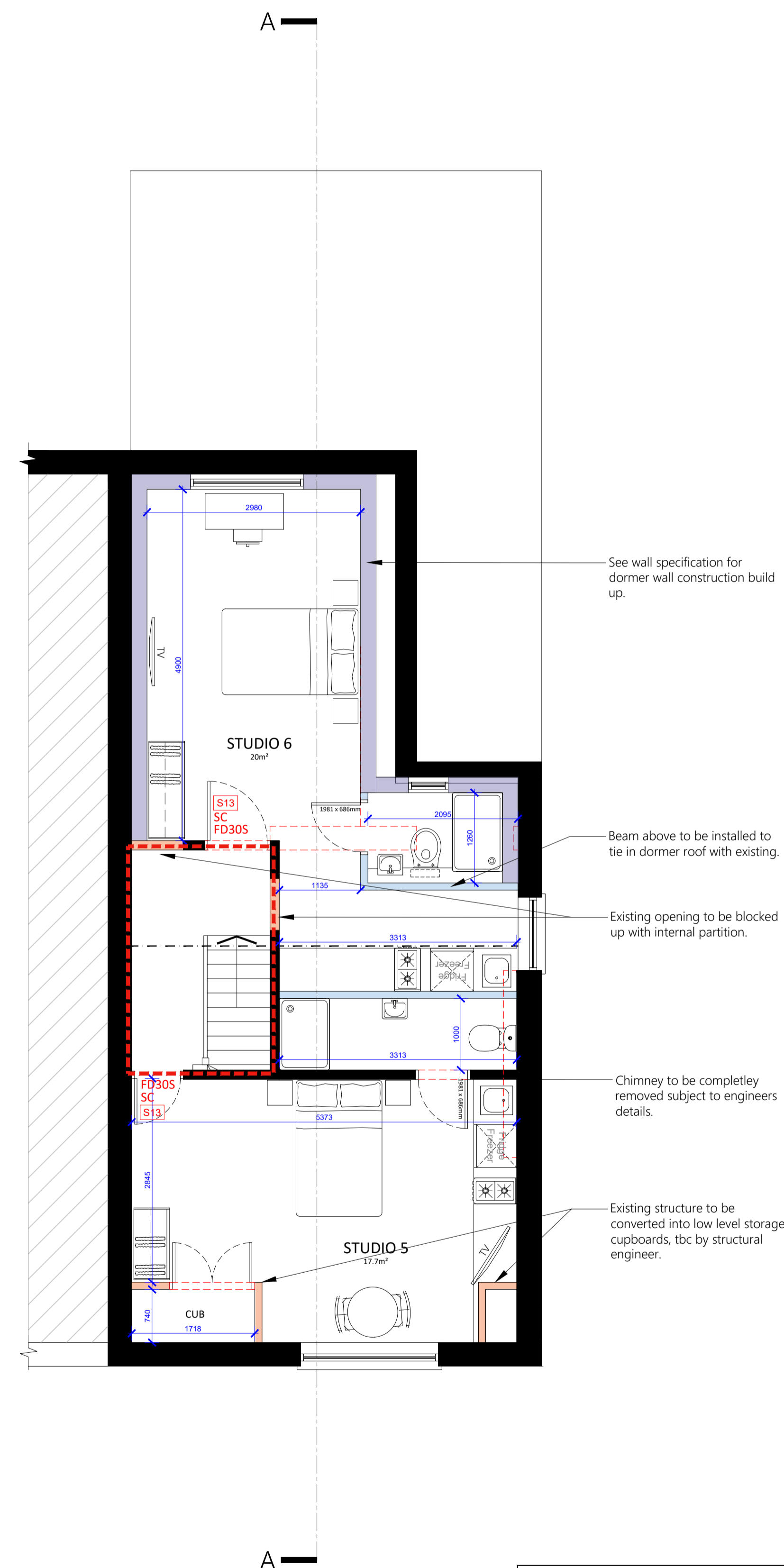
This drawing is Copyright of Wilson Architects Ltd. This drawing not to be used other than the purpose for which it was prepared and is to be read in conjunction with all other project documentation. All dimensions are to be checked onsite by the Main Contractor prior to work commencing. The Architect is to be informed immediately of any discrepancies and where in doubt - ask.



Ground Floor Plan  
Scale 1:50



First Floor Plan  
Scale 1:50



Second Floor Plan  
Scale 1:50

- NOTE**  
All internal walls to be assessed by Structural Engineer to establish required supports for removal. All demolition to Structural Engineer's details.
- NOTE**  
Services passing through any compartment wall/floor are to be fire stopped with fire dampers and boxed in with 2no. layers of fire resistant plasterboard and mineral wool to provide sufficient acoustic reduction.
- NOTE**  
Drainage proposals are indicative only and subject to confirmation on site following investigation by the Contractor. Contractor responsible for locating any existing drainage services on site and creating new connections accordingly. All proposed drainage works are to be carried in accordance with BS EN 1610:2015 and Approve Document H1:2010. Suggested new connections to be agreed on site with Building Control Officer.