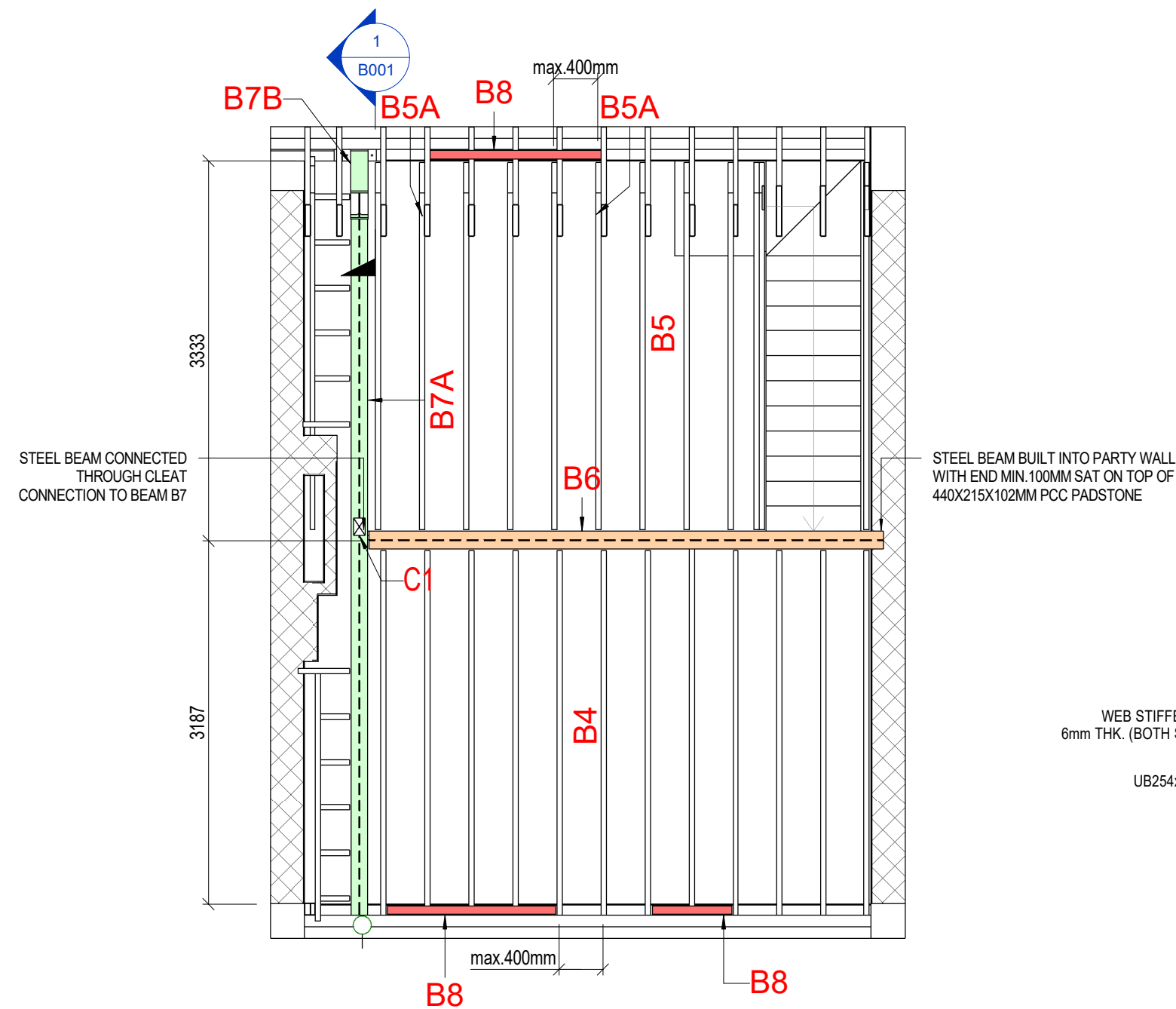


This drawing should not be scaled. Dimensions to be verified on site.  
Any discrepancies should be referred to the Engineer prior to work being put in hand.

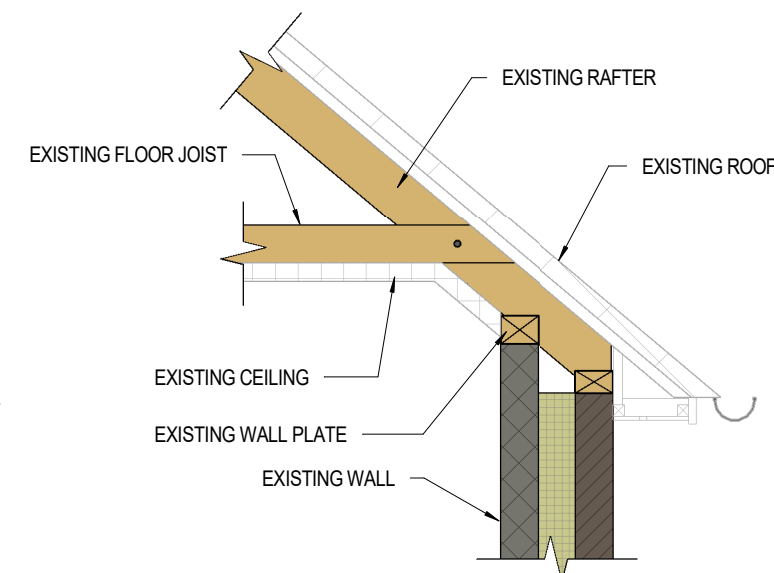
## GENERAL NOTES

- All work on site to be carried out to the relevant code of practice and to the Building Regulations.
- This drawing is to be read in conjunction with all Engineer's, Architect's or other relevant drawings and specifications.
- All dimensions and levels are to be verified on site by the contractor prior to commencement of any works, making fabrication drawings or purchasing materials. Dimensions stated in this drawing are for guidance only.
- All work to be safely constructed under the Construction (Design & Management) Regulations 1994 with the main contractor being responsible for site and construction safety.
- Any design faults which occur regarding CDM Regulations are to be brought to the attention of the agent.
- Contractor must ensure and will be responsible for the overall stability of the building / structure / excavation at all stages of the works.
- It will be the responsibility of the contractor to set out and co-ordinate all services in accordance with drawings and to obtain Architect's agreement if any changes required before installation commences.
- All proposed fittings, fixtures, roof tiles, wall finishes, windows and doors to be matched to the existing.
- New drainage, surface water and heating to be connected to the existing services.
- Contractor must familiarise himself with the position and capacity of existing services to ensure they are compatible and capable of providing new services. All services to be tested before concealment of pipework cables etc.
- Existing lintels to be checked by SE prior to the construction, in order to ensure their load bearing capacity is sufficient to transfer load from joists and dormer stud wall.

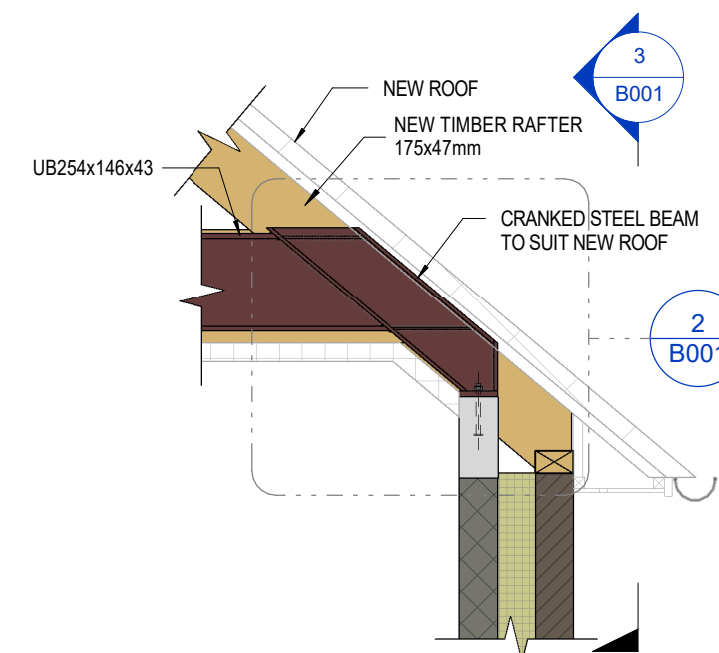
TEMPORARY SUPPORT OF  
EXISTING STRUCTURE IS NOT  
INCLUDED IN THE SCOPE OF  
THIS ASSIGNMENT.  
CONTRACTOR IS  
RESPONSIBLE FOR SAFE  
INSTALLATION OF  
TEMPORARY SUPPORTS.  
STRUCTURAL ENGINEER TO  
BE CONSULTED PRIOR TO  
COMMENCEMENT OF ANY  
DEMOLITION WORKS.



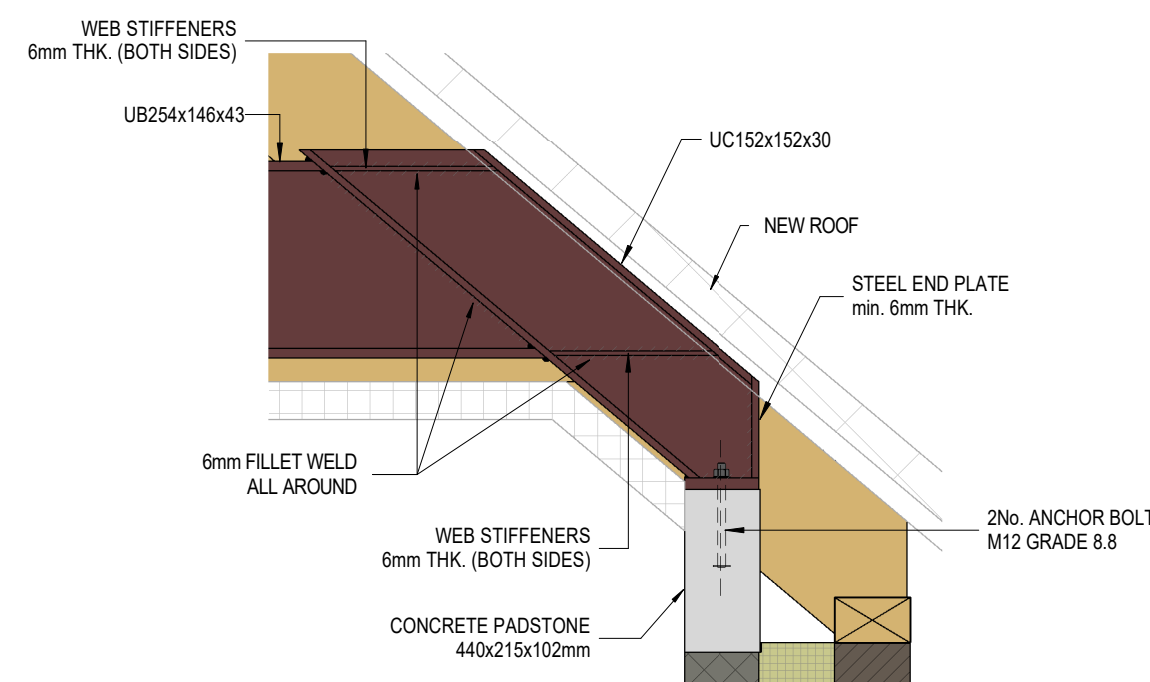
**DETAIL SECOND FLOOR- JOISTS AND BEAMS LAYOUT**  
(1 : 50)



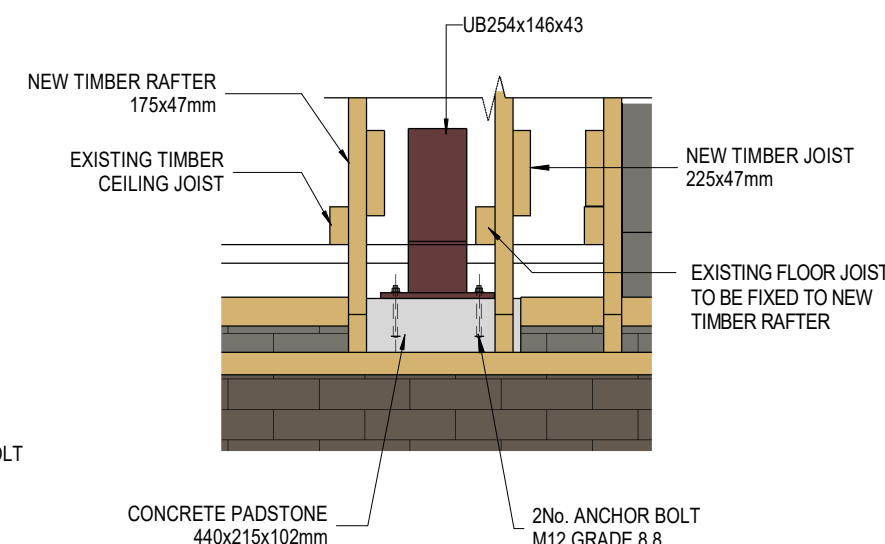
**SECTION 1 - EXISTING**  
(1 : 20)



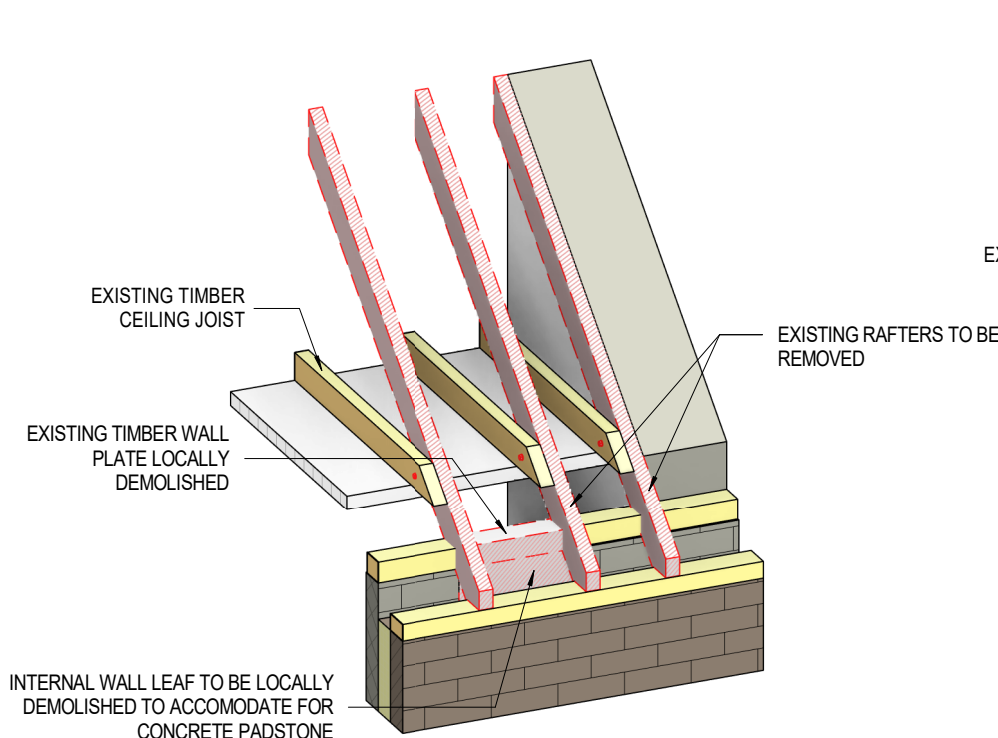
**SECTION 1 - PROPOSED**  
(1 : 20)



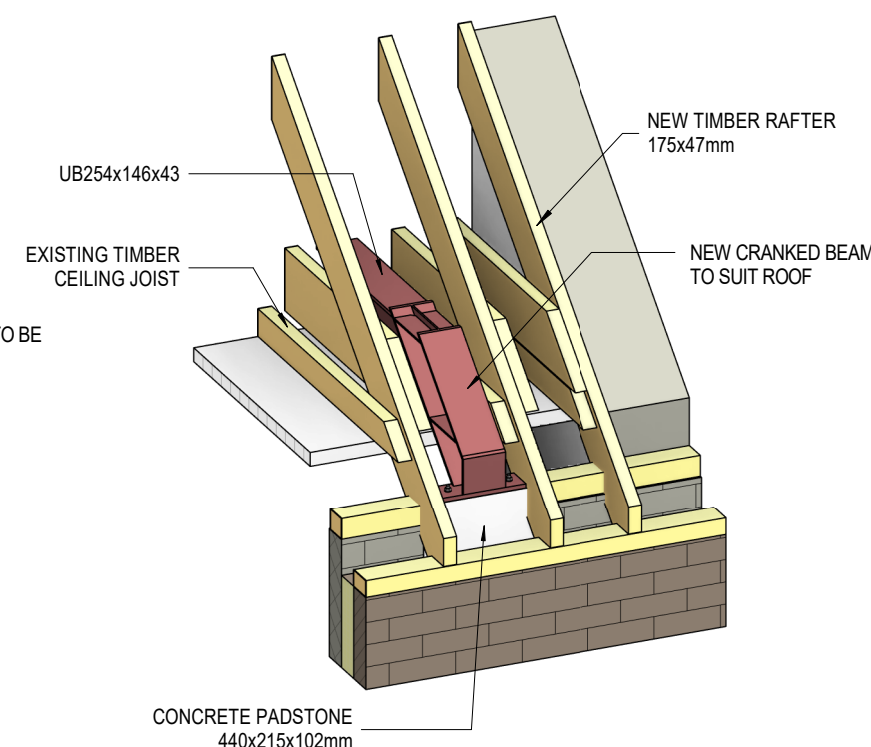
**DETAIL 2**  
(1 : 10)



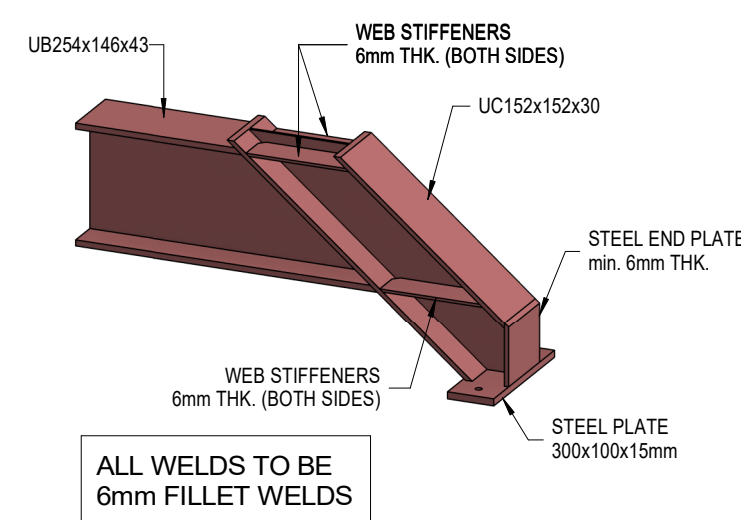
**SECTION 3 - PROPOSED**  
(1 : 20)  
(ROOF OMITTED FOR CLARITY)



**AXONOMETRIC VIEW - DEMOLISHED**  
(ROOF OMITTED FOR CLARITY)



**AXONOMETRIC VIEW - PROPOSED**  
(ROOF OMITTED FOR CLARITY)



**CRANKED BEAM - 3D VIEW**

New Beam and Joist Schedule		
Mark	Type [mm]	Material
B1	175x47	Structural Timber C24
B2	175x47	Structural Timber C24
B3	UB178x102x19	Structural Steel S235
B4	225x47	Structural Timber C24
B5	225x47	Structural Timber C24
B5A	225x47	Structural Timber C24
B6	UC152x152x44	Structural Steel S275
B7A	UB254x146x43	Structural Steel S275
B7B	UC152x152x30	Structural Steel S275
B8	200x75	Structural Timber C24

New Column Schedule		
Mark	Type [mm]	Material
C1	150x100	Structural Timber C16

P01	14.05.19	ISSUED FOR INFORMATION	IC
Rev	Date	Description	By

Amendments			
Project			
24 DORCHESTER ROAD, MORDEN, SM4 6QE			

Title		LOFT CONVERSION WITH REAR DORMER CONNECTION DETAIL CRANKED STEEL BEAM W. WALL
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Client	Mr. B.Bord
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Web Site: www.eabuilding.co.uk E-mail: info@eabuilding.co.uk		

Drawing Status								
FOR INFORMATION								
Designed By		IC		Checked By		IC	Project No	00241
Drawn By		IC		Date		14.05.2019		
Scales @ A2							Works Order No	001
As indicated								
Project	Originator	Discipline	Type	Level	Number		Revision	
24DR	EA	S	DR	XX	B001		P01	