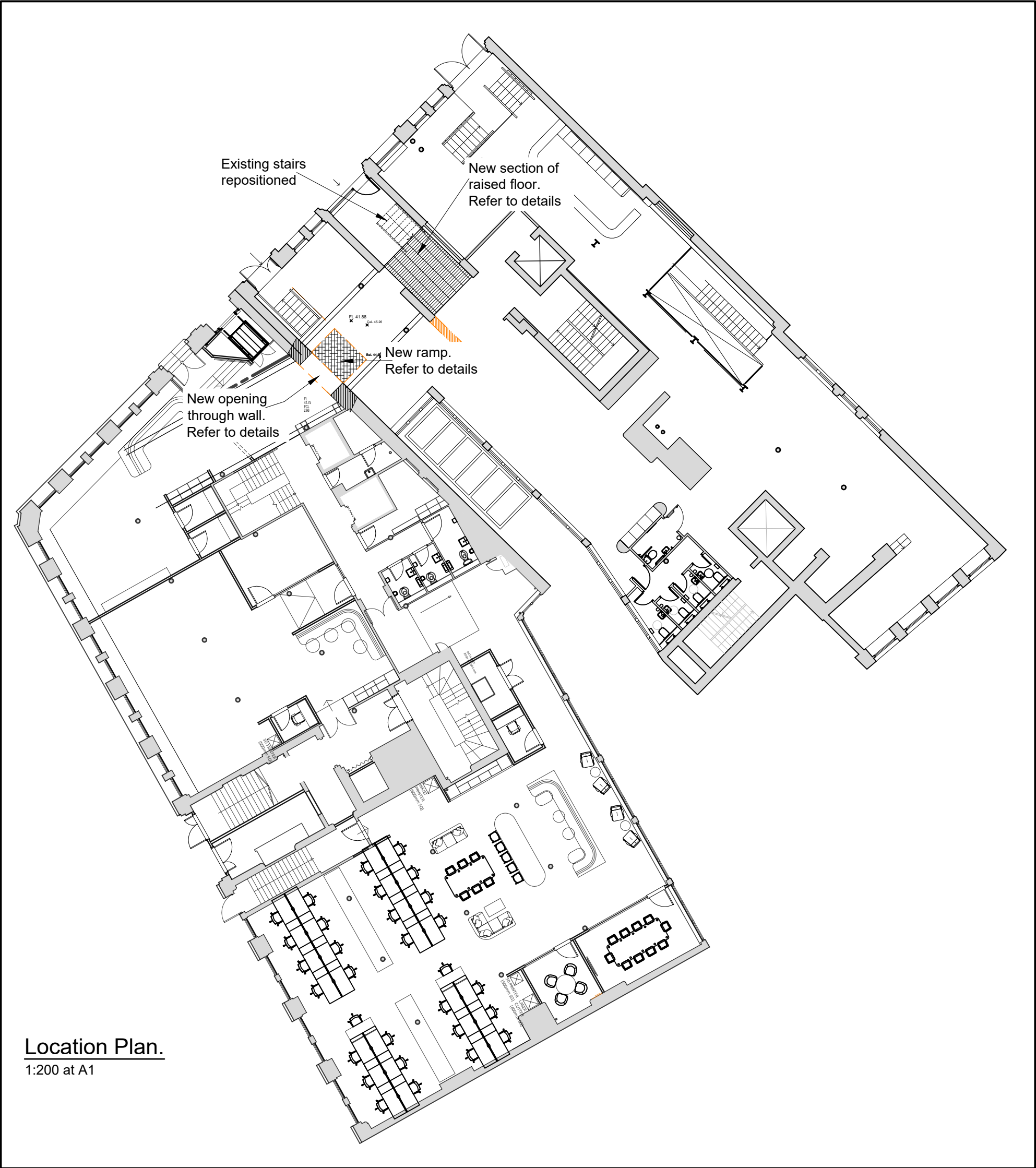
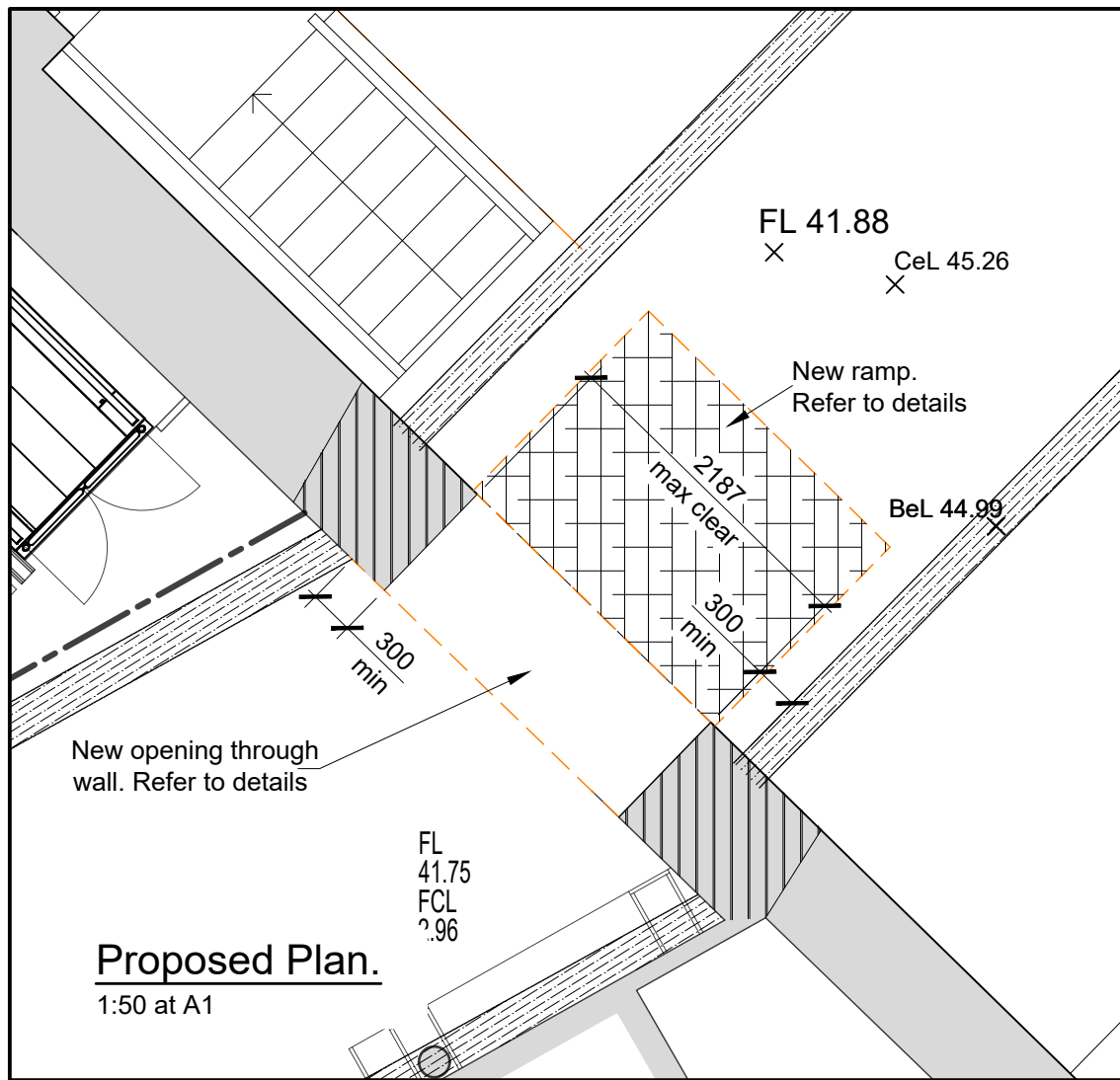
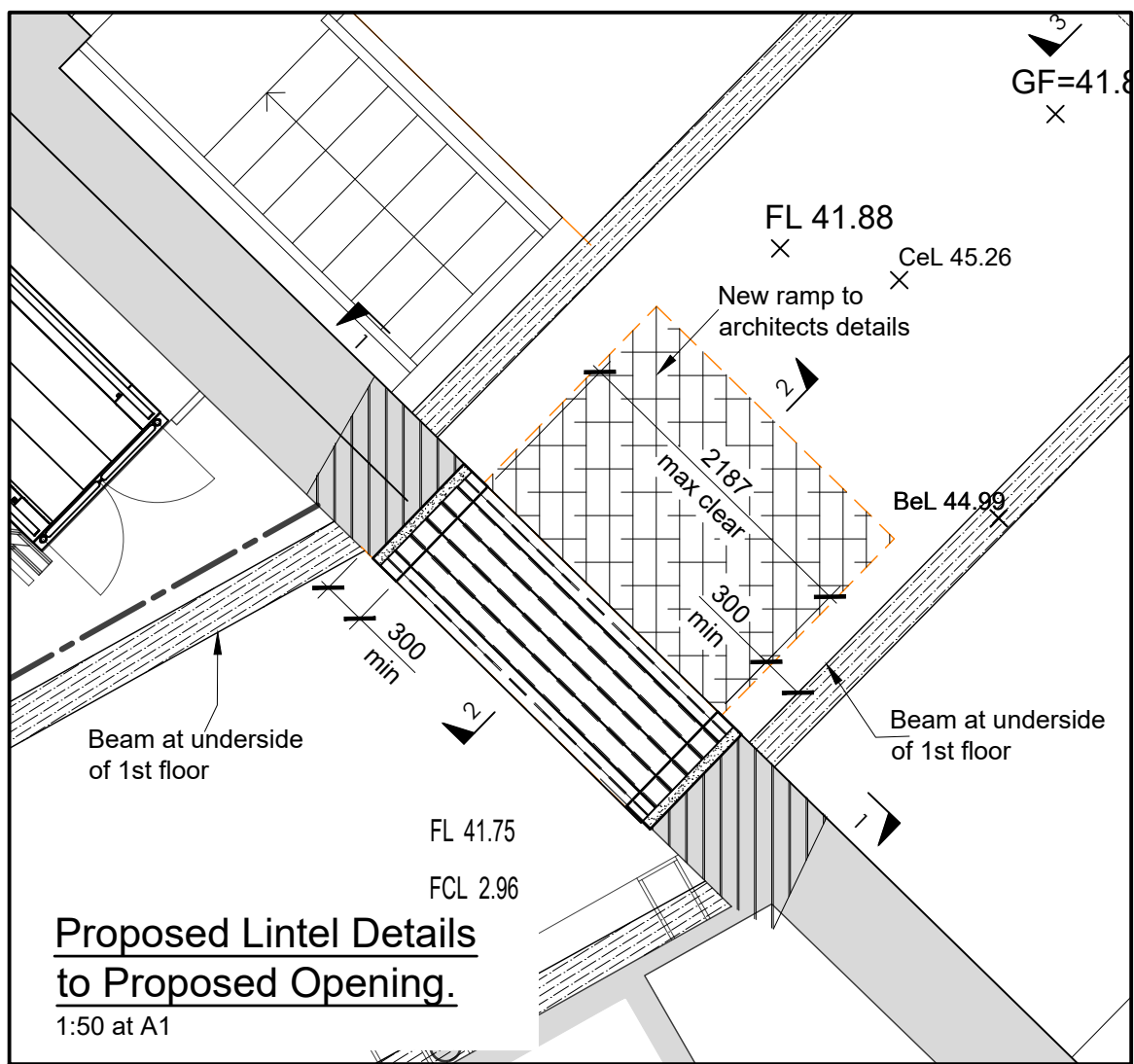




Location Plan.
1:200 at A1



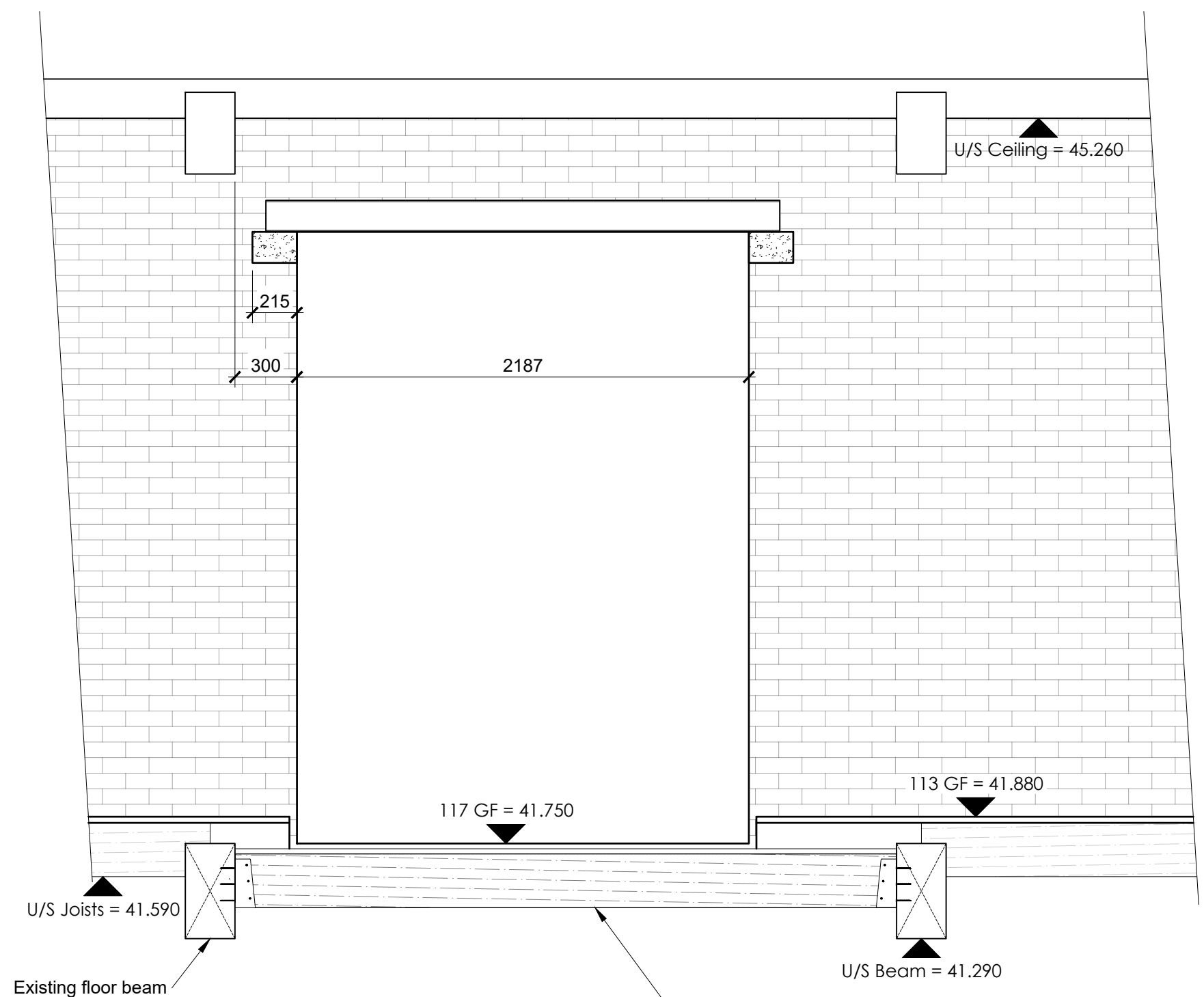
Proposed Plan.
1:50 at A1



Proposed Lintel Details
to Proposed Opening.
1:50 at A1

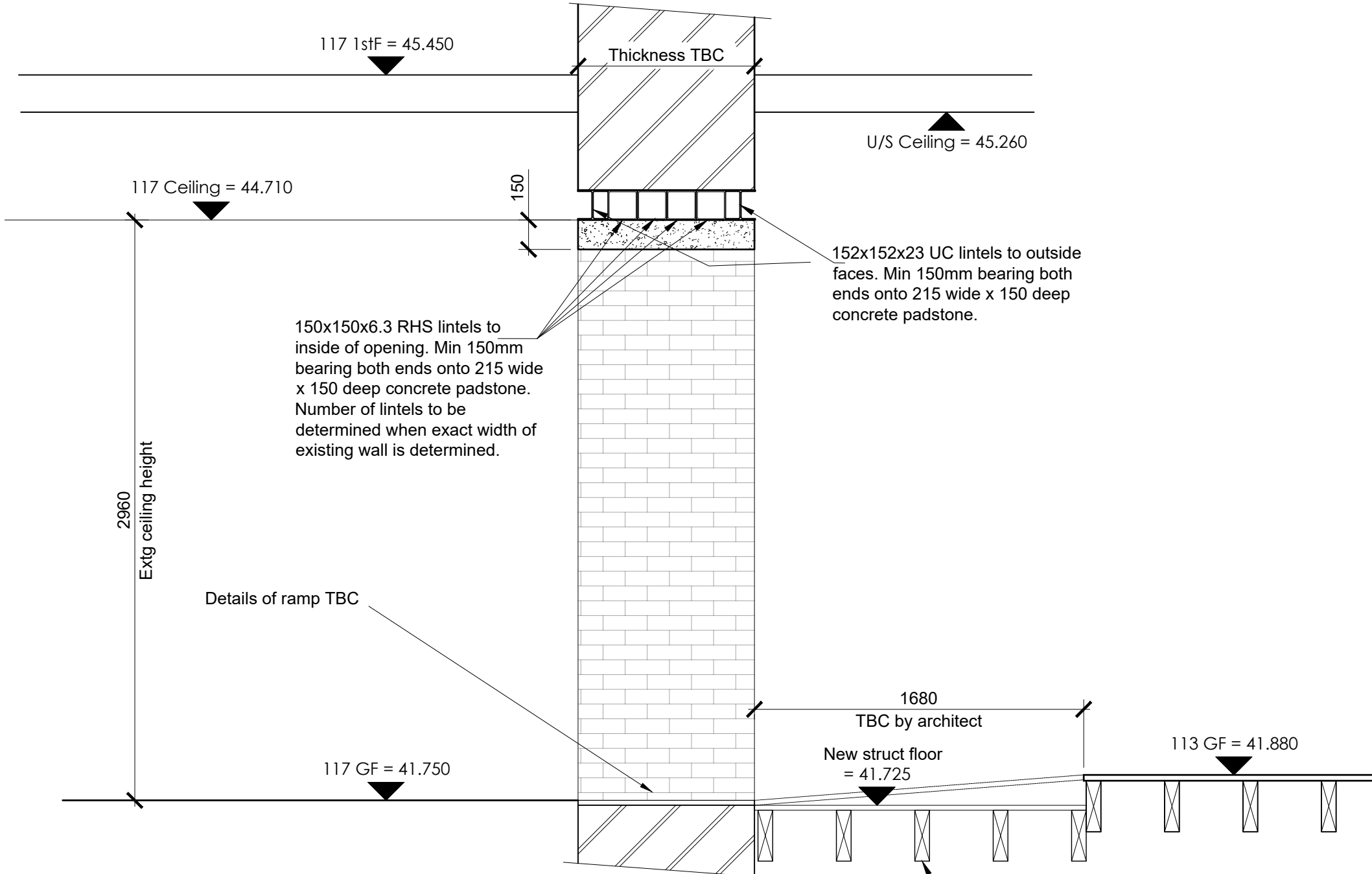
Notes / Sequence of Works New Opening

- Wall above proposed opening to be solidly propped using min 2 No needles through wall.
- Needles to be 152x152 UC's. If needles are to be installed through cores, use 220mm Ø cores and when needles are installed into the wall, initially prop needles and SOLIDLY pack gap above and below needles with high strength, non-shrink grout. This will be installed semi-dry and rammed in to fully fill the gaps.
- Fully prop needles using spreader beams on ground floor both sides, which must transfer loading back to main floor beams below, or propped down to basement level.
- Form opening by cutting max possible thickness from both sides (to maintain the integrity of the retained masonry).
- ALL removed bricks must be stored for re-use.
- Install 215x150 deep x wall thickness padstone (this could be a Naylor R8 pre-cast lintel section cut to length). Padstone must be FULLY bedded on mortar.
- Install lintels and solidly infill gaps above beams with re-claimed bricks and mortar.
- All new mortar to be approved historic lime mortar to match original.
- Make good faces of wall above lintels and to new reveals.
- Remove props and cut needles tight to face of wall.



Section / Elevation 1-1
1:25 at A1

Existing joists removed locally and re-fixed at lower level to provide new floor at 41.725 to area of new ramp.
Existing floor boards to be carefully removed and re-used to new lowered floor area.
Ramp then built off floor using firrings and boards.
Joists fixed to sides of existing floor beams using heavy duty joist hangers, using min 6 No 50 x 75 long screws into beam.
If any new joists are required they are to be Grade C24 and of the same size as the existing joists.



Section 2-2
1:25 at A1

Existing joists removed locally and re-fixed at lower level to provide new floor at 41.725 to area of new ramp.
Existing floor boards to be carefully removed and re-used to new lowered floor area.
Ramp then built off floor using firrings and boards.
Joists fixed to sides of existing floor beams using heavy duty joist hangers, using min 6 No 50 x 75 long screws into beam.
If any new joists are required they are to be Grade C24 and of the same size as the existing joists.

NOTES:

- Do not scale from this drawing.
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- All dimensions shown on this drawing are in millimeters unless noted otherwise.
- If the Contractor consider that they do not have sufficient information to safely complete the works detailed on this drawing, they should contact the Engineer.
- This document uses revision codes in accordance with ISO EN 19650: P, Preliminary (non-contractual) - review, comment or approval. C, Contractual - Approved for stage completion.
- This document uses status codes in accordance with ISO EN 19650: Work in progress: S0 - WIP Shared (non-contractual): S1 - Coordination, S2 - Information, S3 - Review, S4 & S5 - Approval. Published (contractual): A1, An, etc. (where "n" relates to the project stage)
- This document uses project stages in accordance with the IStructE Structural Plan of Work 2020: 2 - Concept, 3 - Coordination, 4 - Technical Design, 4.5 - Production Design, 5 - Construction, 6 - Handover.
- Only documents with a revision code C# (where 'F' relates to a revision number) and status code A4 or A5 are suitable for construction. Any deviations to that which is on site is not the liability of
- New steel lintels to be Grade S355. Steel to be blast cleaned and to have high build epoxy primer finish.
- Padstones to be min Grade C25 concrete and SOLIDLY bedded on mortar.
- All mortar to be historic lime mortar to match original.
- Where possible re-use existing timber joists for ramp construction. If additional joists required, use joists same size as existing (approx 260x75) using Grade C24 timber.
- New joists to proposed raised area to be Grade C24.
- Bolt fixings to masonry walls MUST use high strength resin, Fischer FIS-V or similar. Expanding type bolts must not be used.
- Finishes to reveals, soffit of opening, ramp and new floor are to be to Architects details.
- All fire protection to be to Architect / Fire Engineers details.
- For details of new raised floor area refer to drawing no 15790-BKP-XX-00-DR-S-1002

P03	9.10.25	Updated to suit latest architects layouts and client comments	cc
P02	8.10.25	Updated to suit latest architects layouts and client comments	cc
P01	22.8.25	First Issue	cc
REV.	DATE	REVISION DETAILS	INITIALS
CURRENT DRAWING REVISION CHECKED BY je			
CURRENT DRAWING REVISION APPROVED BY cc			
DRAWING STATUS: 3		PROJECT STAGE: 3	

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PROJECT:
**Proposed Modifications
113 & 117 Portland Street**

TITLE:
**General Arrangement and Details
of Structural Works to New
Opening & Ramp**

SCALE (A1)	AUTHOR	DATE	REVISION	BKPL No.
as noted	cc	Aug'25	P03	15790

DRAWING REF:
15790-BKP-XX-00-DR-S-1001