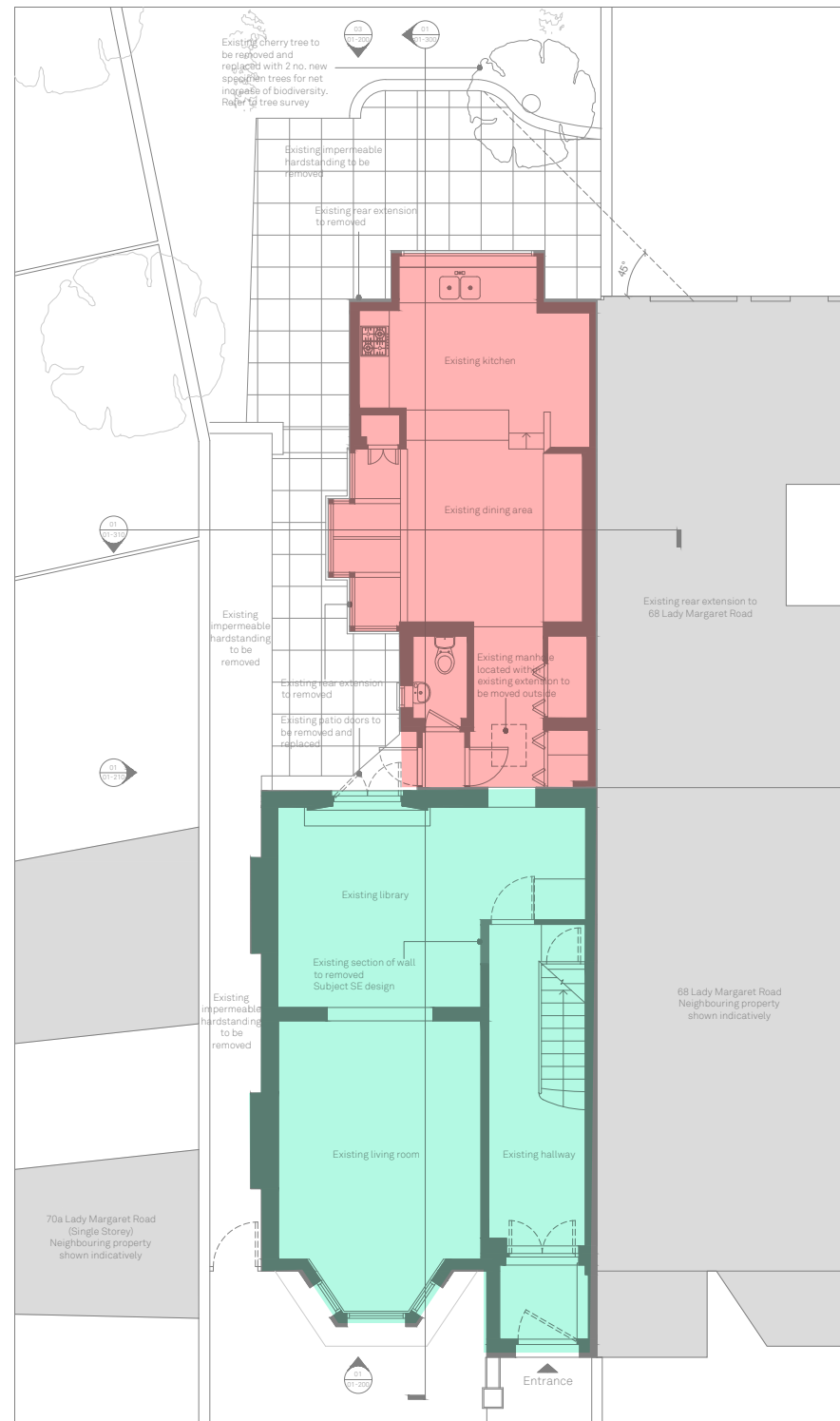


APPENDIX A PROPOSED DEVELOPMENT DRAWINGS

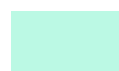


Existing Plan

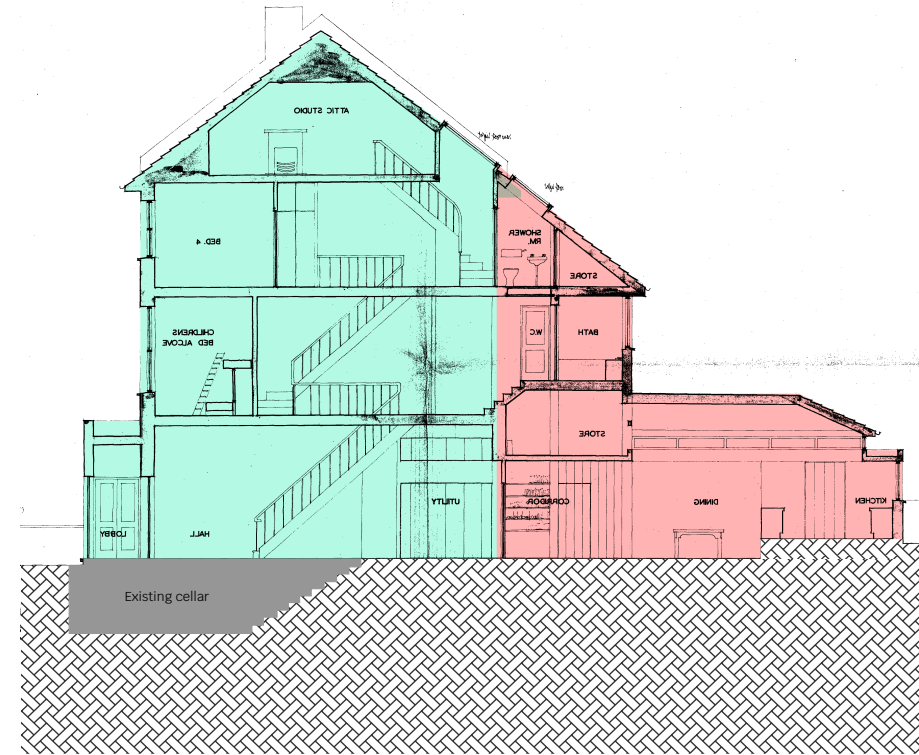
KEY:



Building to be demolished



Building to be retained



Existing Section

Outline Construction Sequence

1. Demolish partially ground floor plus 2 storey existing extension. Party wall to be retained and underpinned as well as main house structure.
2. Build a temporary structure to support existing building
3. Underpinning the existing and adjacent building to give more foundation support
4. Excavating soil for foundation
5. Build basement retaining wall
6. Build basement suspended slab
7. Build super structure

Notes

1. This drawings is to be read in conjunction with all relevant architects & engineers drawings and specifications
2. Do not scale from this drawing

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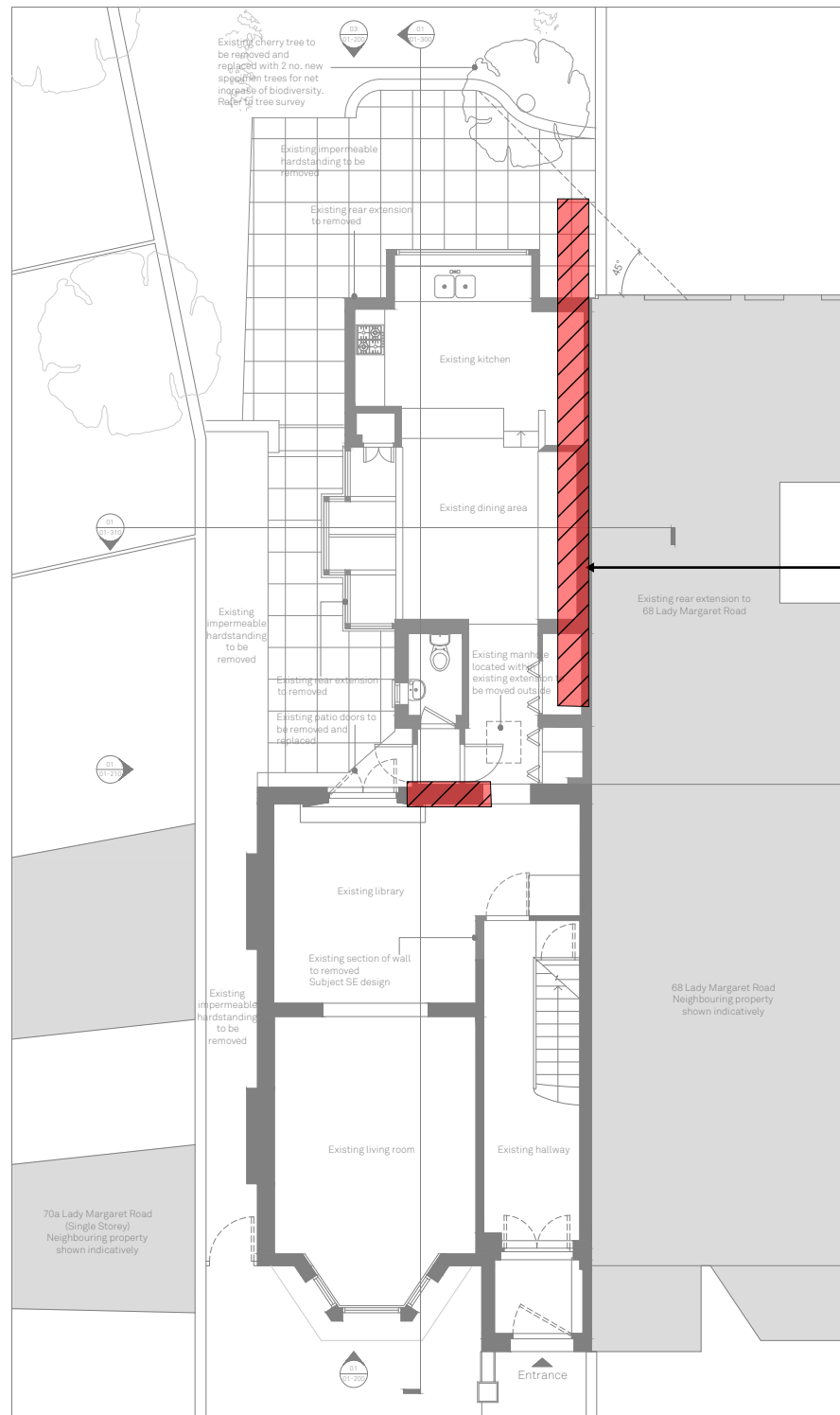
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NW5 2NP

Sketch Title
Basement Impact
Assessment
Existing Building

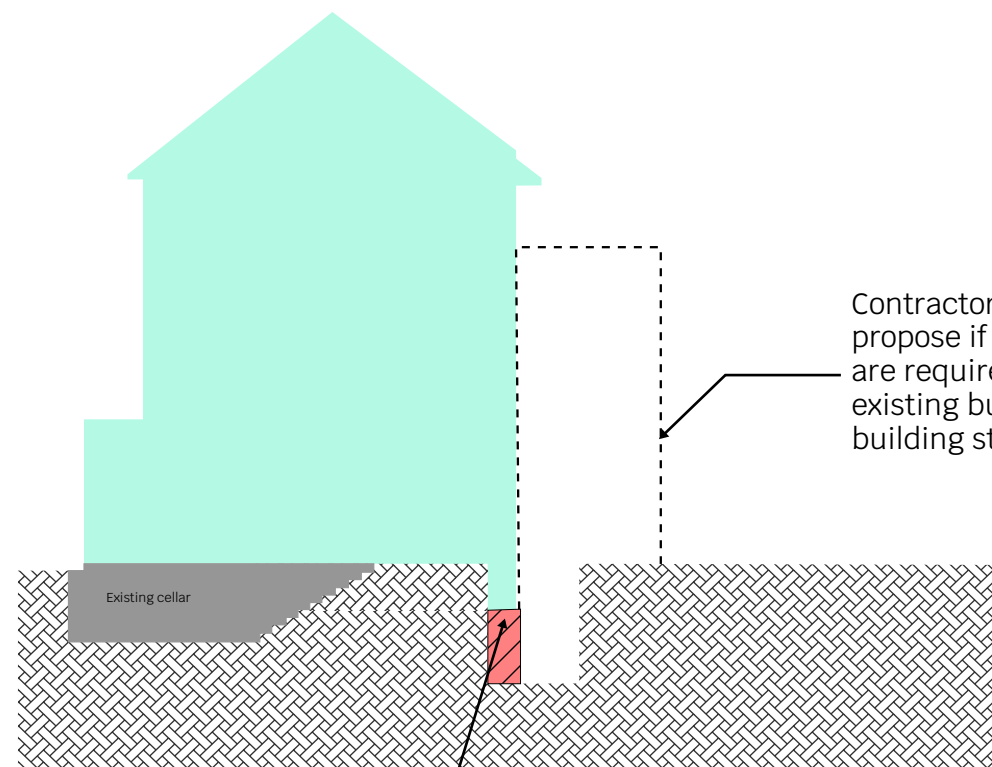
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22276	- SYM	- XX	- XX	- SK	- S	- 0002

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Date: Mar 2023
Drawn by: KL
Checked: EB
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Existing Plan

In order to provide full stability avoiding undermining the existing remaining building and adjoining building the area indicated will require sequencing underpinning wall



Existing Section

According to the Site Investigation the existing foundation extends beyond 1.4m depth into the stiff clay layer, existing foundation to be preserved and underpinning wall to be provided to support the existing structure

Notes

1. This drawings is to be read in conjunction with all relevant architects & engineers drawings and specifications
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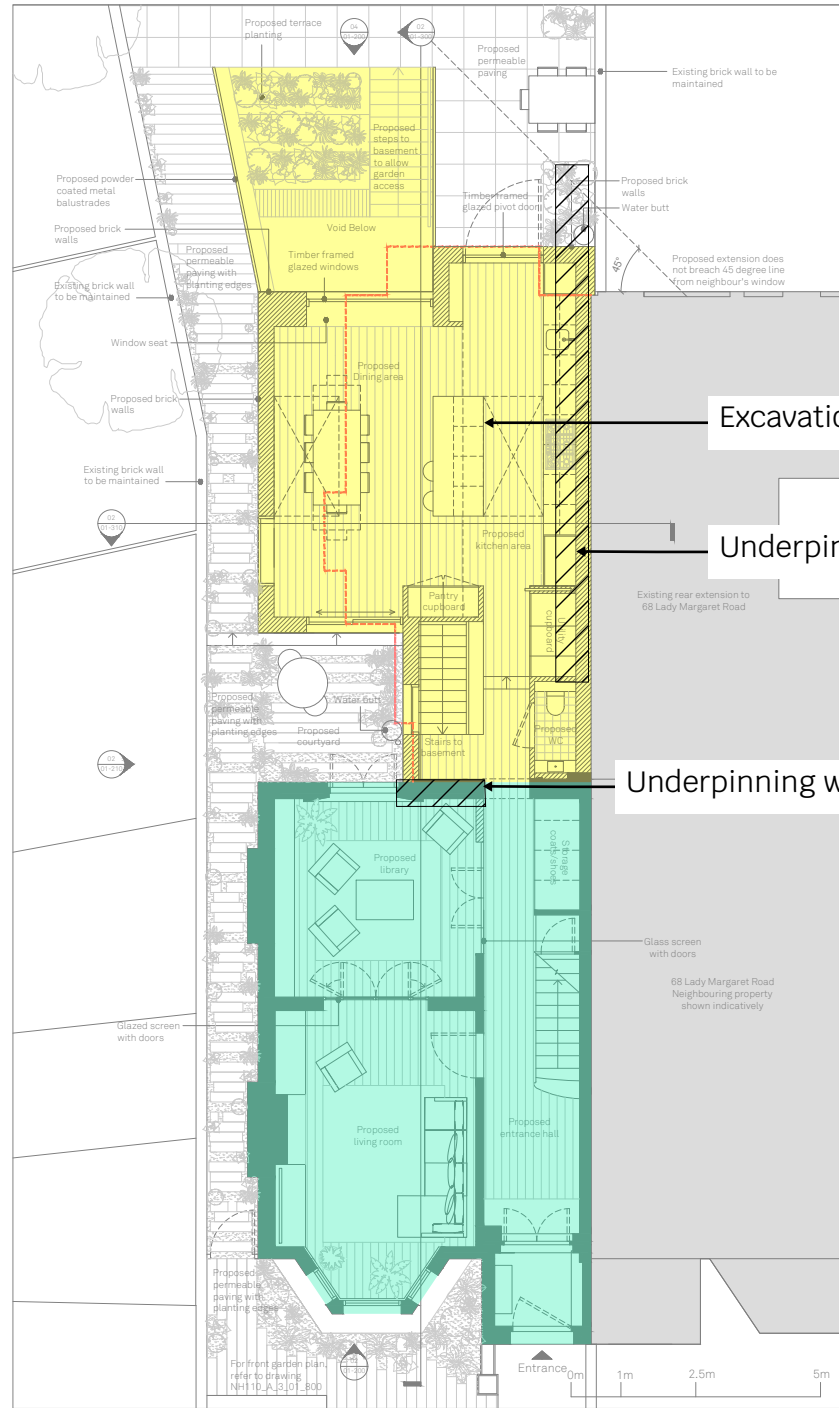
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Project	Company	Zones	Level	Type	Role	Number
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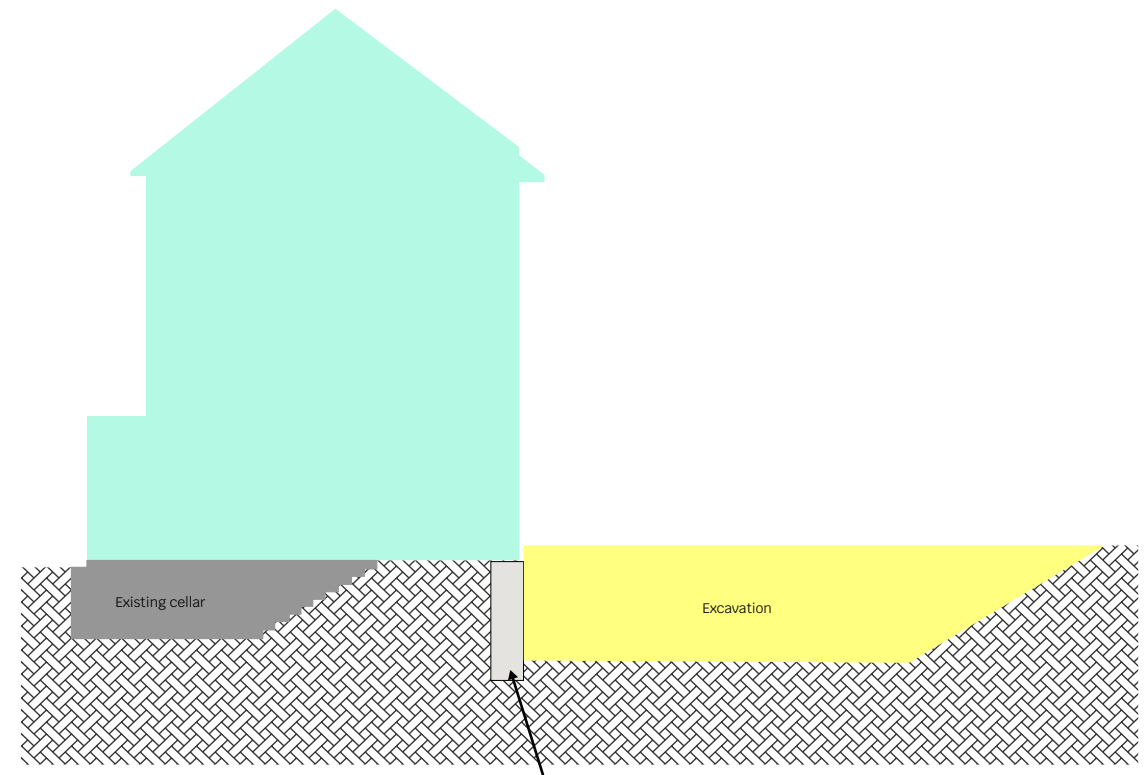
1. This drawings is to be read in conjunction with all relevant architects & engineers drawings and specifications
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Proposed Plan

KEY:

- Proposed excavation
- Building to be retained



Existing Section

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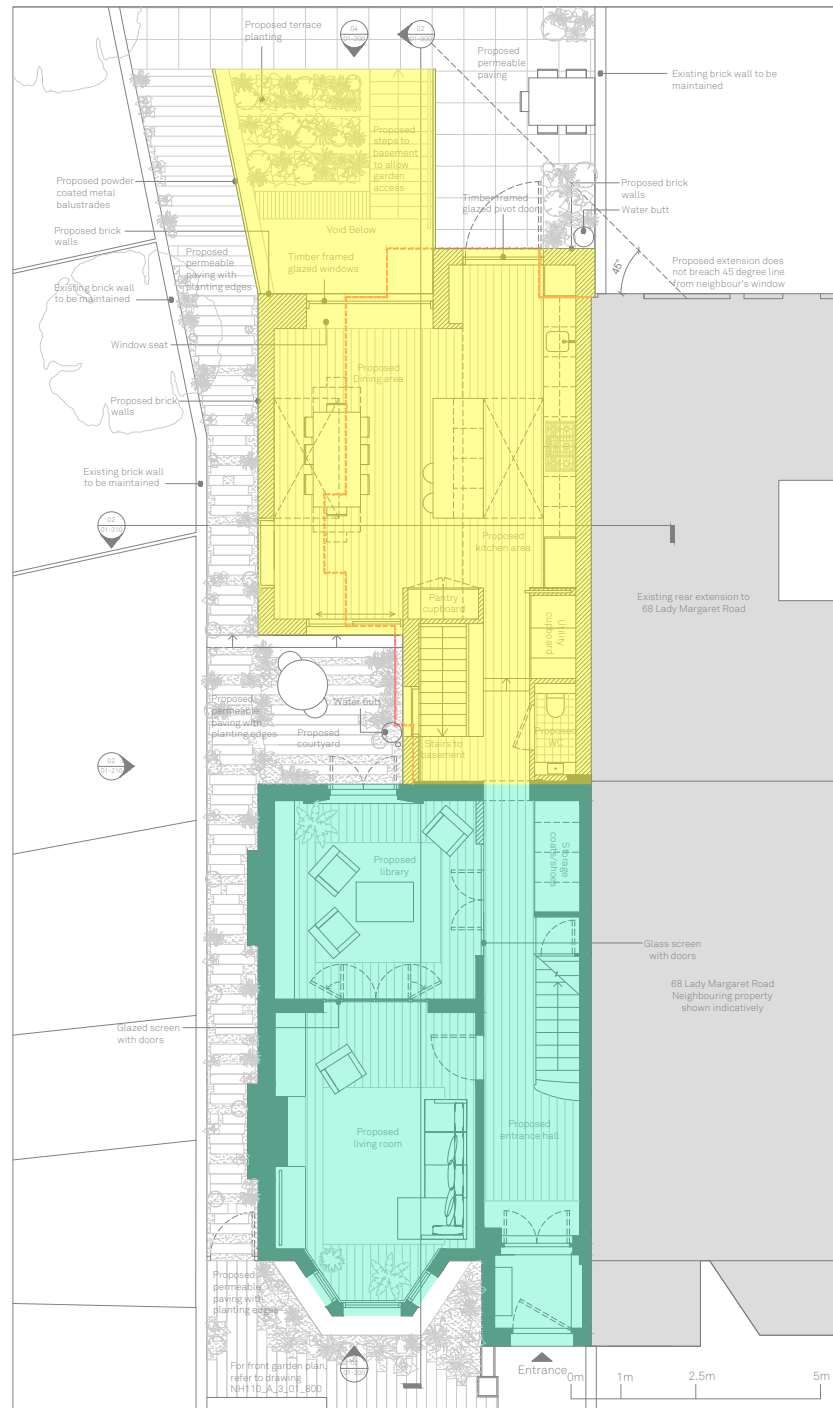
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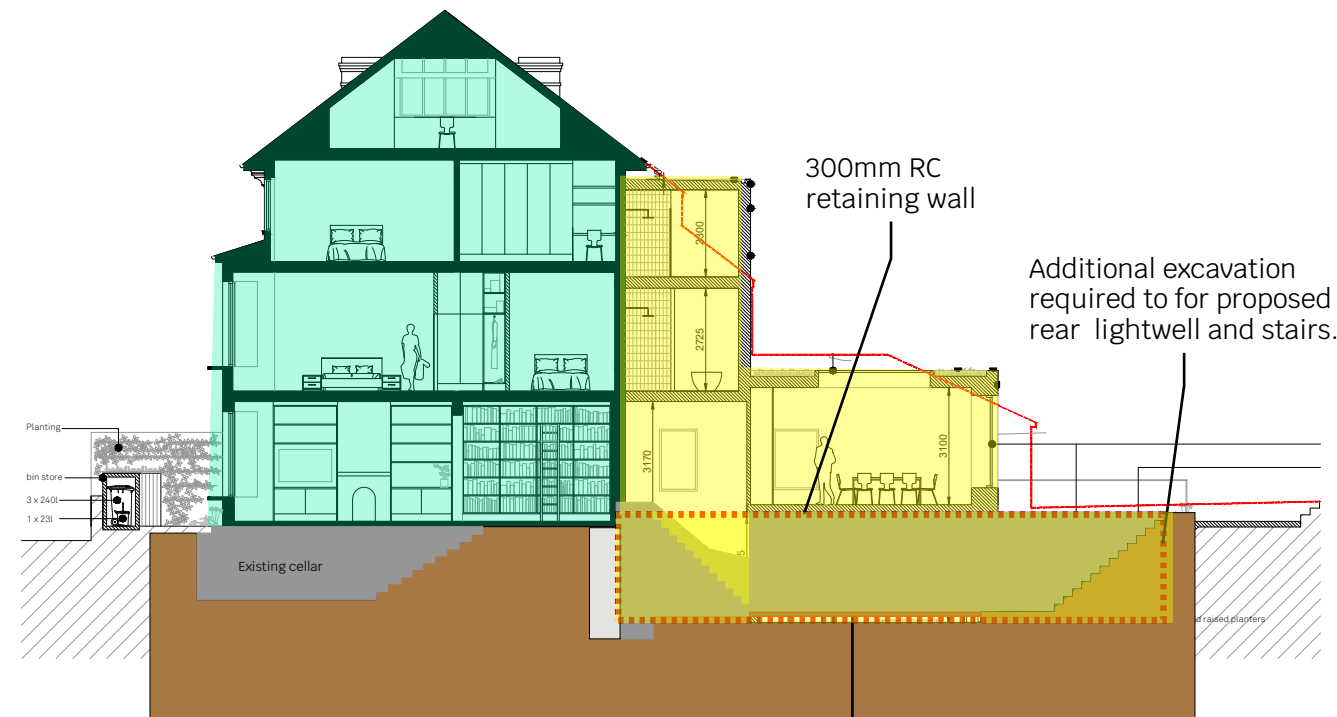
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Proposed Plan

KEY:

- Proposed extension
- Building to be retained



Propose Section

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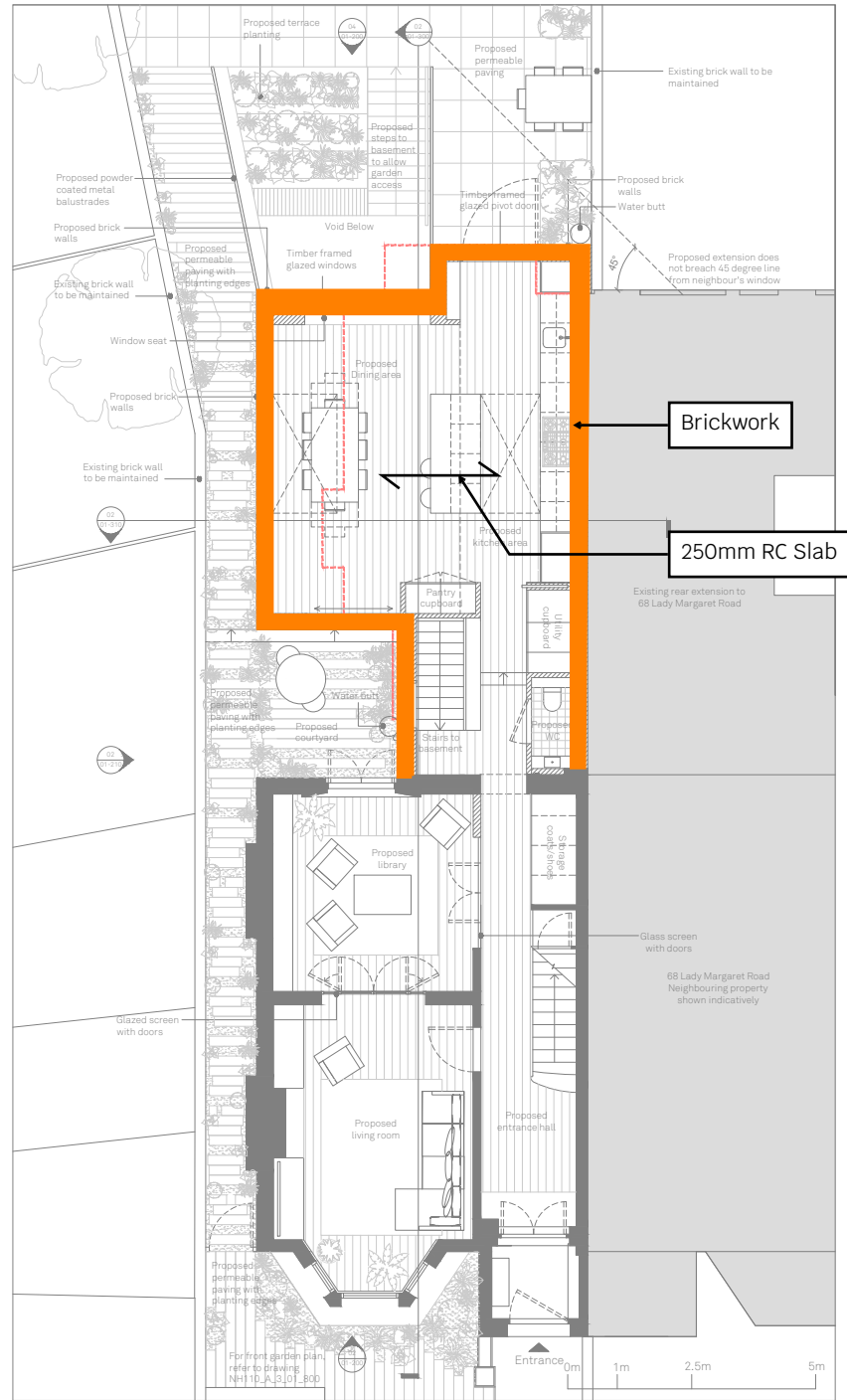
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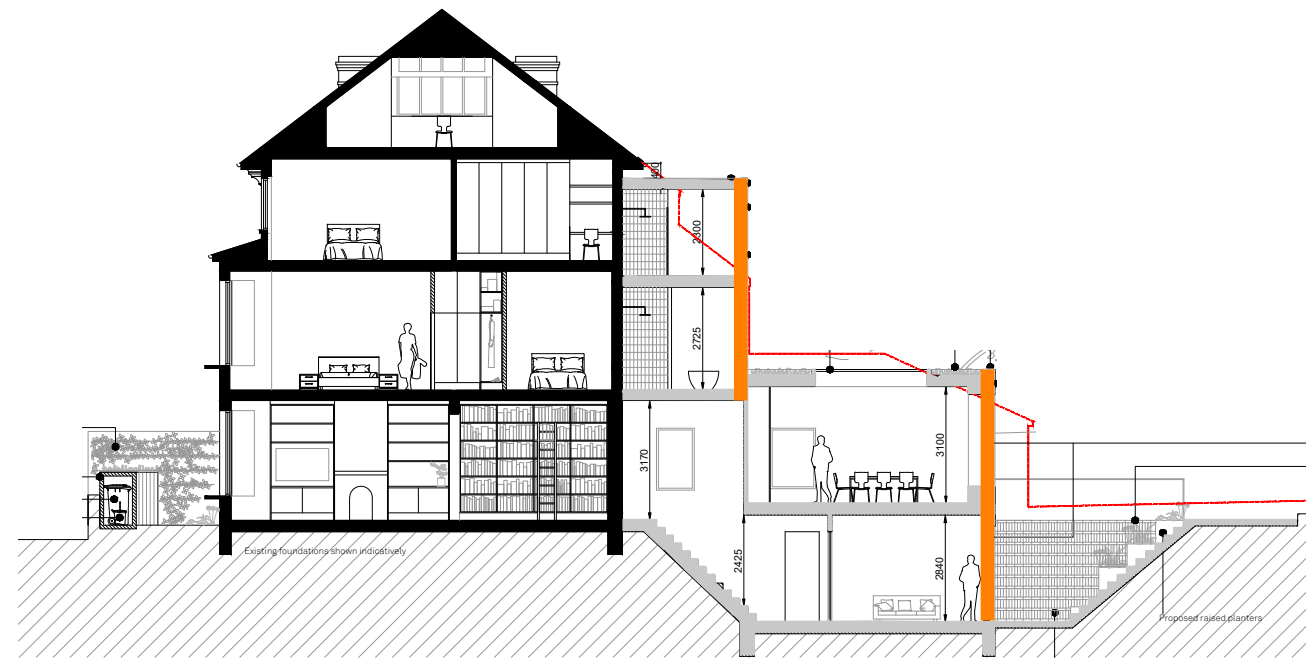
1. This drawings is to be read in conjunction with all relevant architects & engineers drawings and specifications
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Proposed Plan

KEY:

█ Proposed extension masonry walls



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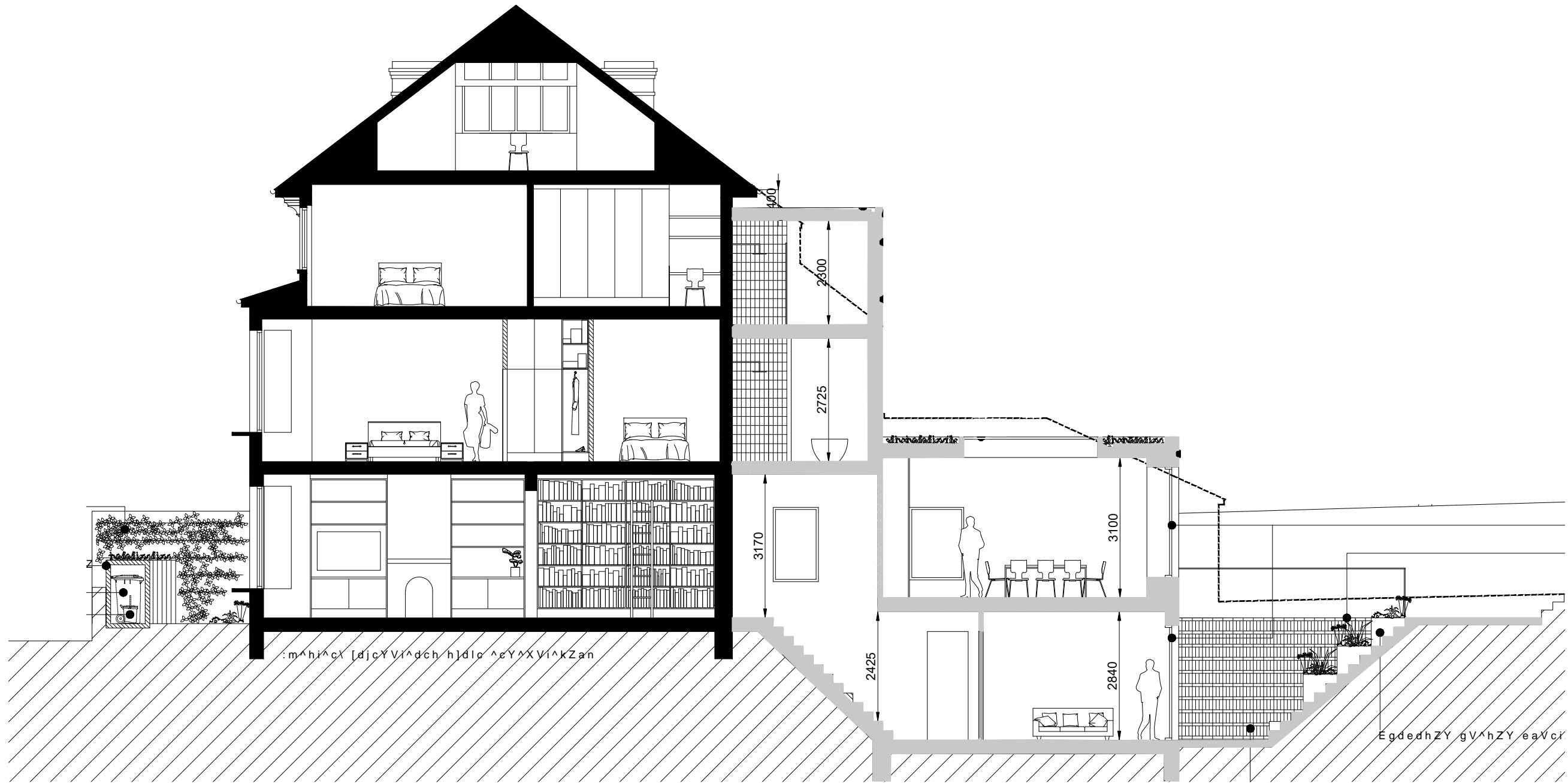
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Proposed Section

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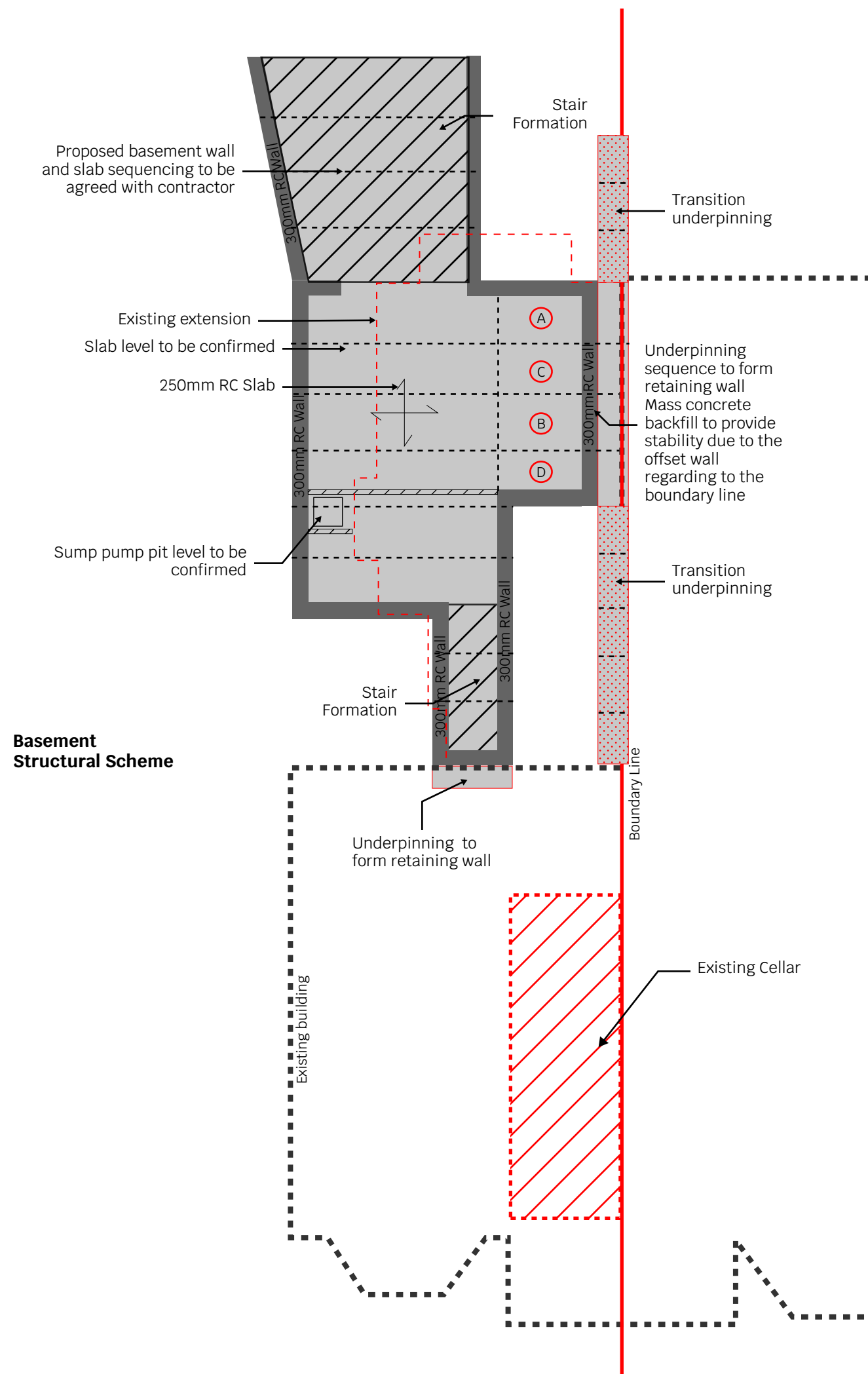
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Basement Structural Scheme

Notes:

-Refer to Architects drawings for all setting out details.

-Foundations have been sized based on a safe ground bearing pressure of 150 kN/m² on London clay. The engineer and local authority Building Control Officer are to be afforded the opportunity of inspecting the foundations prior to concreting. The contractor should allow a suitable contingency for pouring deeper foundations following the inspection of the Building Control Officer. The contractor should also be aware of the water table and soil conditions noted in the site investigation report.

-The contractors waterproofing specialist will be responsible for the design and installation of all below ground tanking.

-For above ground tanking and all damp proof coursing details refer to Architects drawings.

-Contractor to provide water bars at all joints.

-All steelwork in the external walls is to be galvanised (125 microns).

-Location of existing and proposed drain runs are to be confirmed by the service engineer.

-Please refer to Architects drawings for all setting out details, insulation and ventilation details, damp proof courses and all tanking details.

-For all fire work protection to steelwork refer to the Architects drawings.

-Contractor should review Architects drawings for exact location of service penetration and confirm

-All steelwork below ground is to be wrapped with a D98 wrapping fabric and to be encased with concrete, 75mm min.

-All steelwork to be encased in concrete is to be un-painted.

-The contractor shall be responsible for the design, installation and sequencing of all temporary works and must ensure that the stability of the structure is not compromised during the works

Sub Contractor/Specialist Design Elements

1. All temporary works
2. All reinforcement drawings and bar bending schedules
3. Design of all steelwork connections. the fabricator is to submit their calculations to building approval
4. Design of all tanking/waterproofing
5. Steel fabrication drawings
6. All stairs by others to support 5kN/m

Bay numbers denote typical sequence of works to underpinning. Should the contractor discover existing footings to be different from those shown the structural engineer is to be informed immediately.

Notes

1. This drawings is to be read in conjunction with all relevant architects & engineers drawings and specifications

2. Do not scale from this drawing

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Basement Impact Assessment Structural Scheme

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 Date: **Mar 2023** Checked: **EB** **P1**