



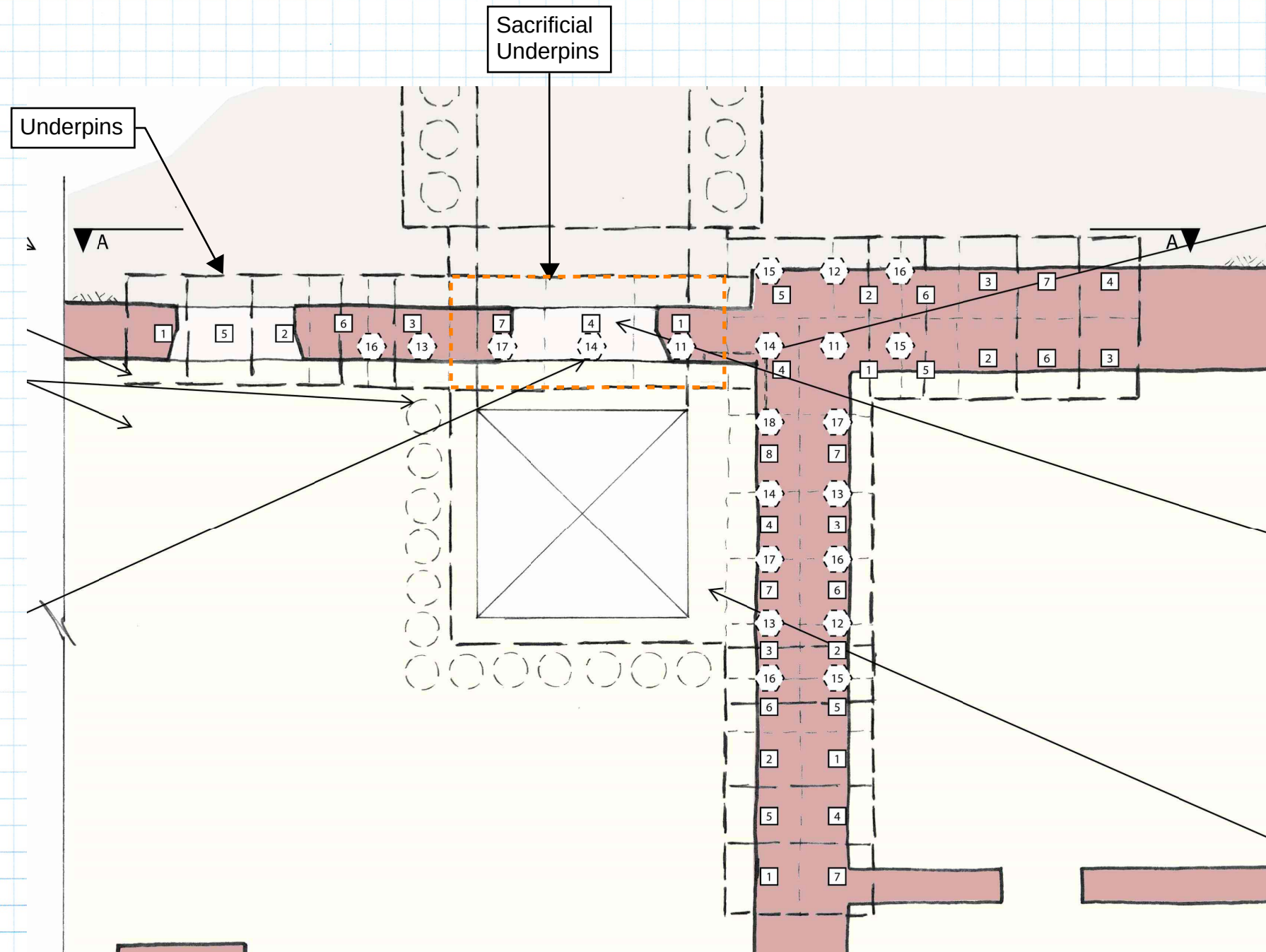
DETAIL SHEET

Contractors Design Services Ltd
Tel: 01920 877077
Email: enquiries@contractorsdesign.co.uk

Client: Size Group
Contract: Tottenham House, Marlborough

Notes:

1. Drawing is issued for discussion & planning purposes only and is not for construction at this stage.
2. All details, dimensions and sections sizes are subject to minor changes once detailed design has been completed.
3. To be read in conjunction with engineer's & architect's specifications.
4. Preloading of underpins may be used to limit long term settlement.

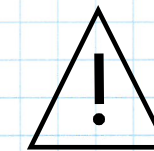


Part Plan of Proposed Underpinning

Stage 1:

Complete the underpinning works as per Engineer's specifications, including section of sacrificial underpins to be broken out later. Backfill to existing ground level once completed.

Note: Sacrificial underpins can be in a lower strength mix (e.g. C16/20).



Contractor to use adequately designed shoring for the excavation pit, and propping & shoring for the underpin bays themselves. Details and methodology to be shared in advance for review.

Revisions: A - JK - 09.12.25 - Revision to suit engineer's comments.

Title:	Scale:	Date:	Designed:	Drawn:	Checked:
Picture Gallery Tunnel Entrance Proposed Sequence	N.T.S.	09.12.25	JK	JK	
Drg. No:	SG.22.273.SK68-1 - Rev A				



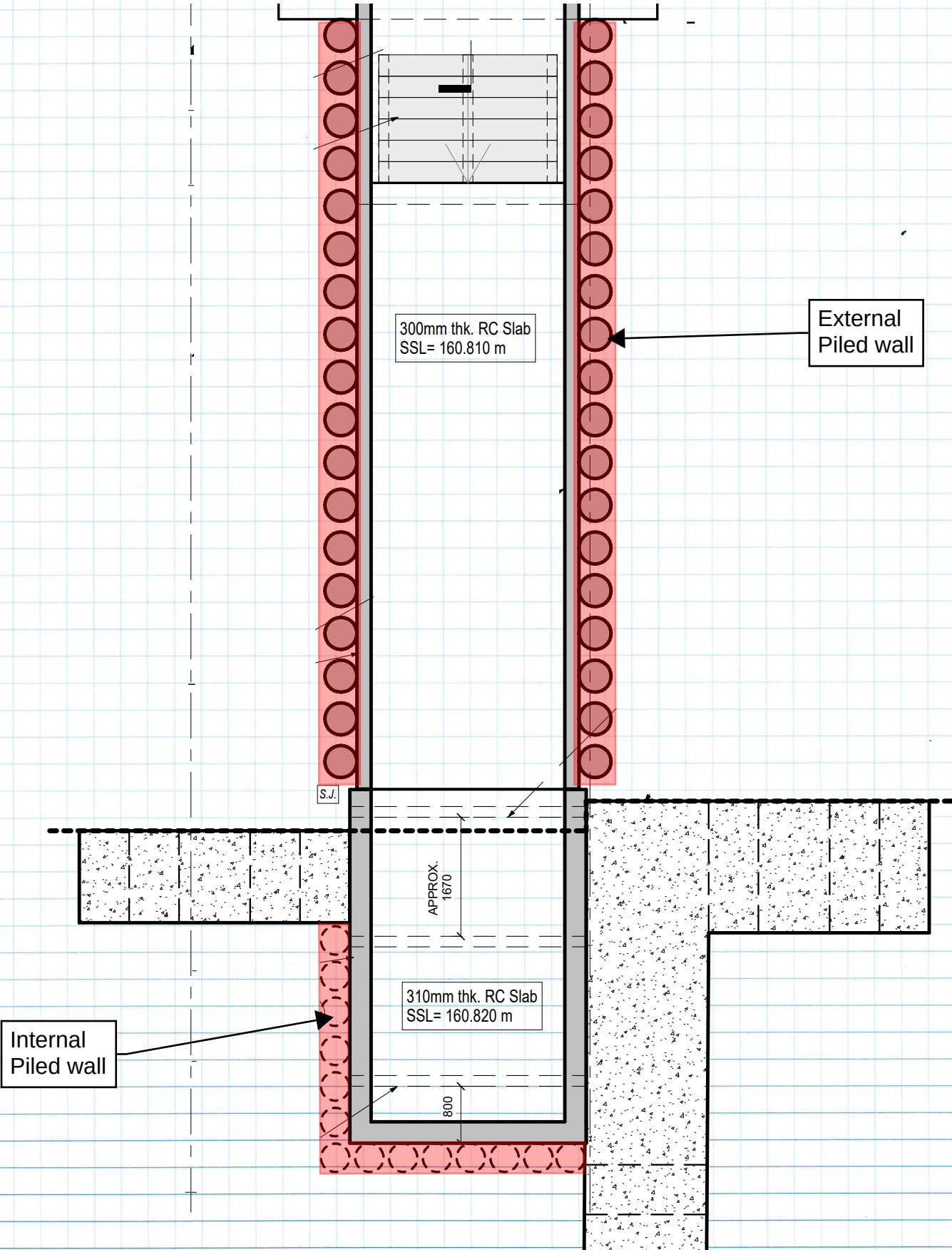
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Stage 2: (not shown pictorially)

Install piling working platform at approx ground level.

Stage 3:

Complete the piled walls and capping beams to engineers design.

Revisions: A - JK - 09.12.25 - Revision to suit engineer's comments.

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Picture Gallery Tunnel Entrance Proposed Sequence	N.T.S.	09.12.25	JK	JK	
Drg. No:	SG.22.273.SK68-2 - Rev A				

Part Plan of Proposed Piled Walls



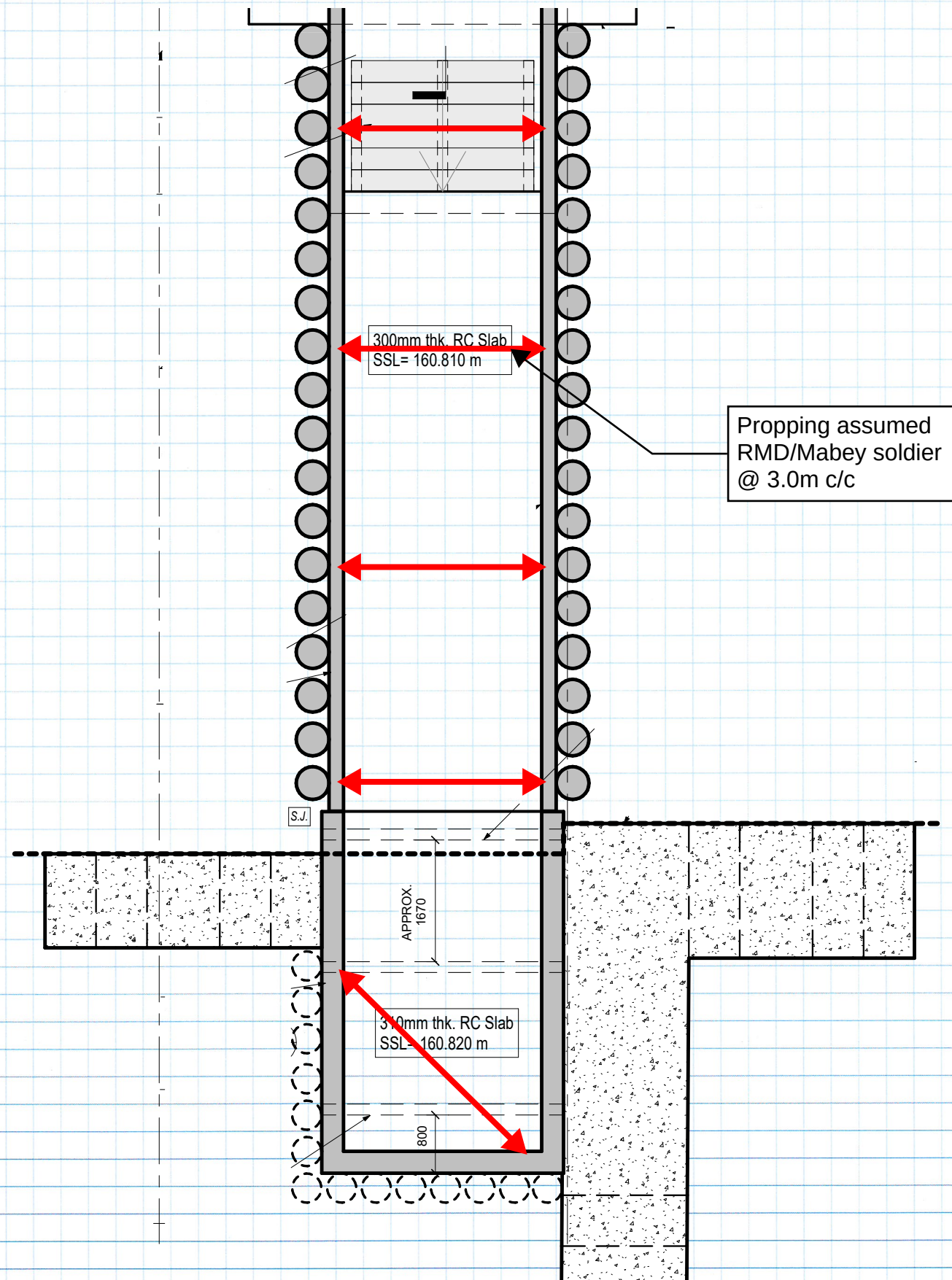
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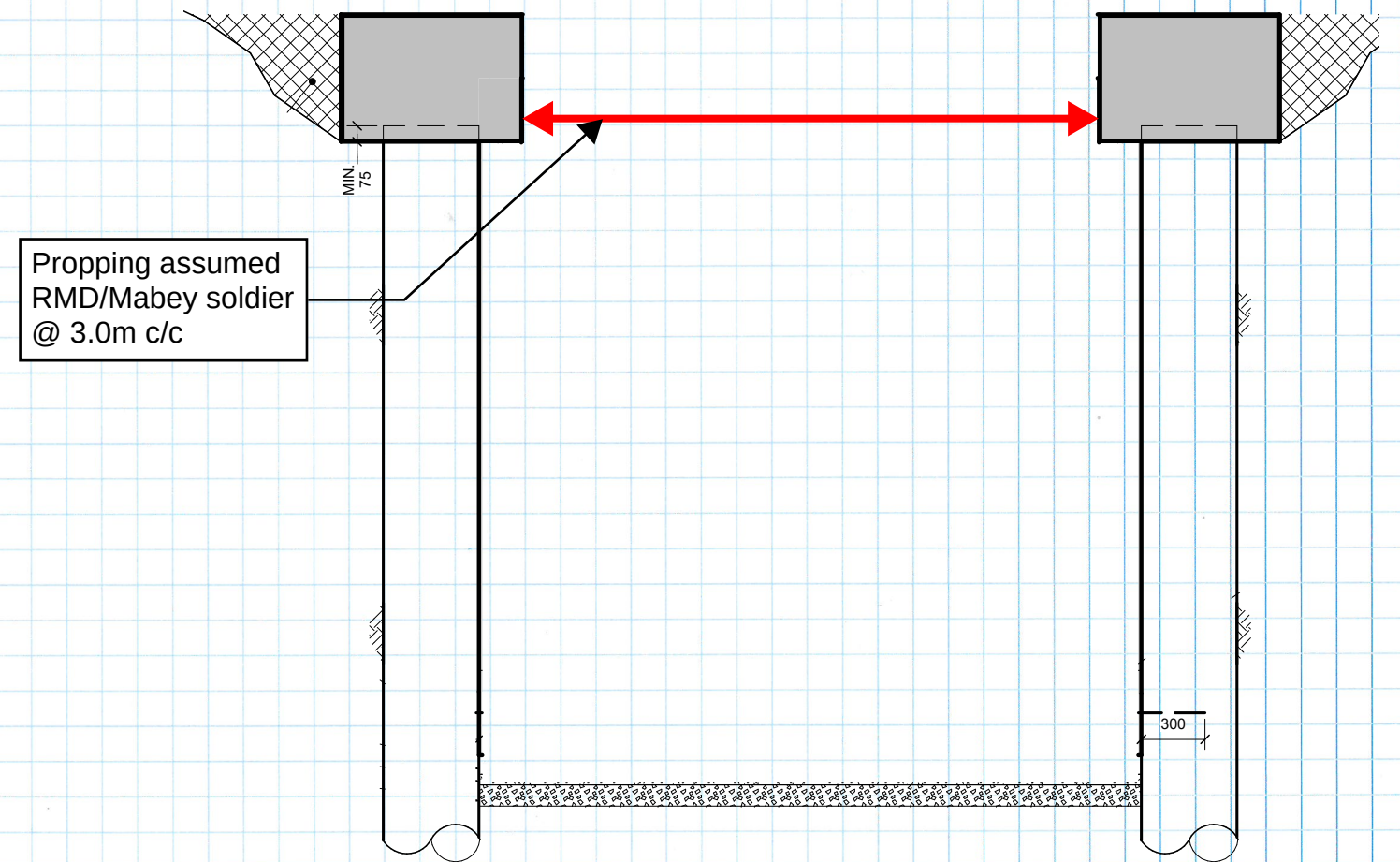
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Part Plan of Proposed Piled Walls



Typical Section

Stage 4:

Prop apart newly installed piled walls at capping beam level (if required - subject to review of cantilever case).

Stage 5:

Excavate down to formation level inside B45 and tunnel locations.

Stage 6: (not shown pictorially)

Construct new lower level slab, liner wall & upper level slab to engineer's details.

Revisions: A - JK - 09.12.25 - Revision to suit engineer's comments.

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Picture Gallery Tunnel Entrance Proposed Sequence	N.T.S.	09.12.25	JK	JK	
Drg. No:	SG.22.273.SK68-3 - Rev A				



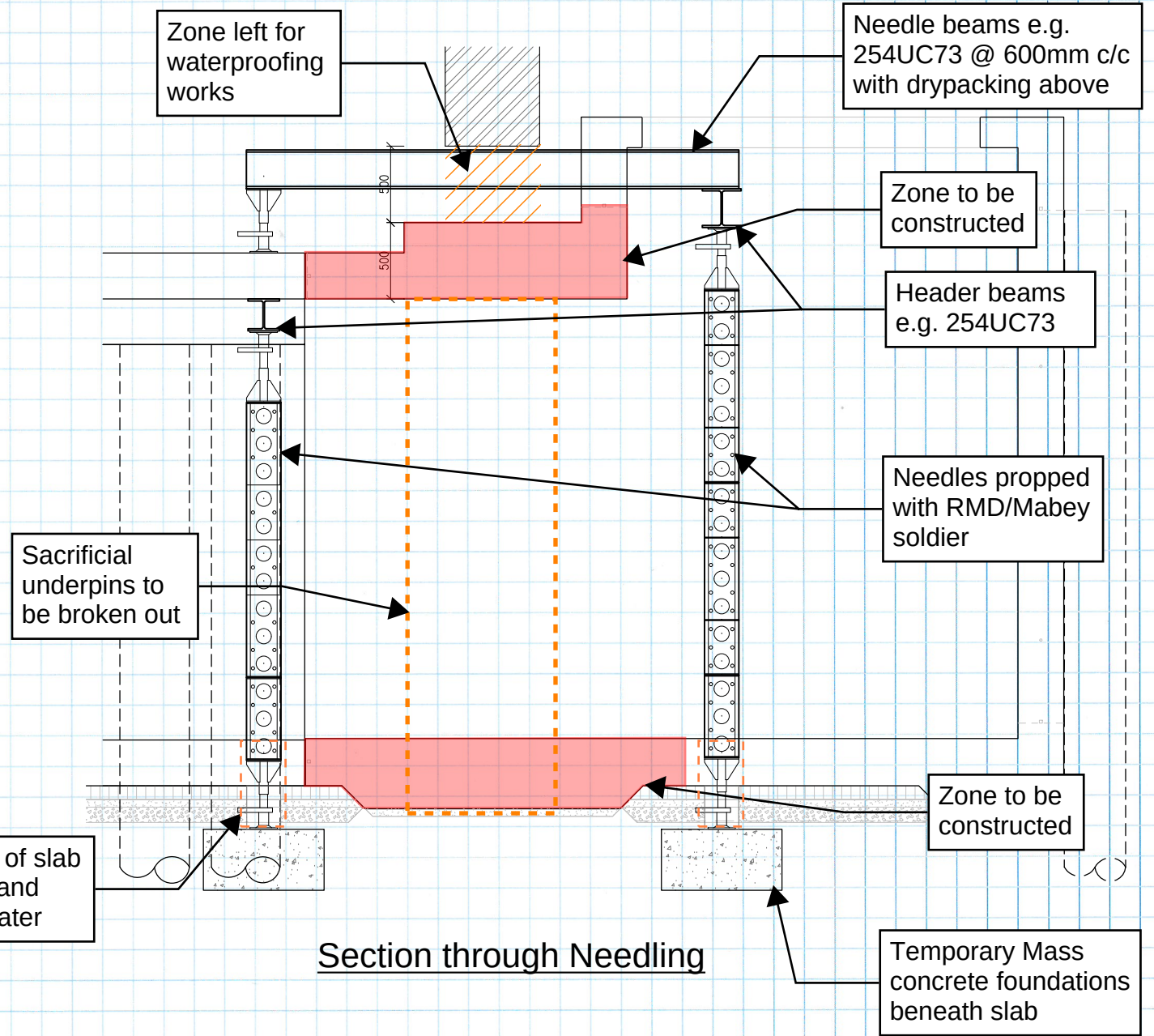
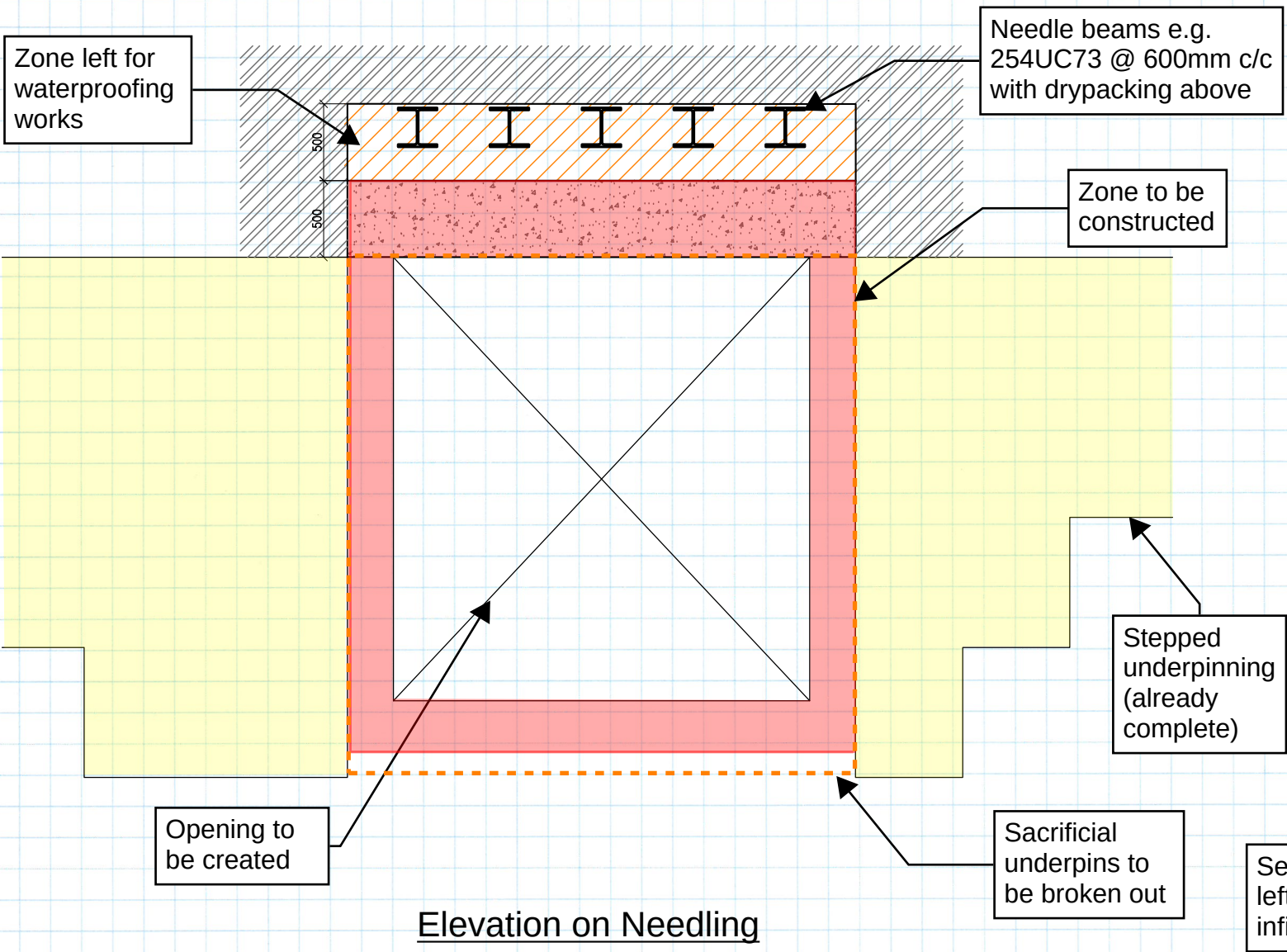
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Stage 7:
Install needle beams bearing onto the newly installed permanent structure using spreader beams.

Stage 8:
Demolish the sacrificial underpins.

Stage 9:
Install the new foundation, liner wall, R.C. beam and waterproofing detail.

Stage 10:
Remove all temporary works, make good and complete the rest of the R.C. structure.

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Picture Gallery Tunnel Entrance Proposed Sequence	N.T.S.	09.12.25	JK	JK	
Drg. No:	SG.22.273.SK68-4 - Rev A				