



Unit 12 Ruscombe Business Park Twyford RG10 9NN Email: info@qaimstructures.co.uk

Structural Drawings: Outdoor Building

Project: 297 Nine Mile Ride, Finchampstead, Wokingham RG40 3NL

Project Reference: 0998

Prepared By: ZA

Date: 31.10.2025

Building Regulation Drawings

Client Name

'Zeeshan Haider'

Project Address

297 Nine Mile Ride,
Finchampstead, Wokingham
RG40 3NL

Section

Structural

Stage

Building Regulation

Drawing Title

Proposed Ground
Floor Plan

Drawing Status

For Approval

NOTE: Don't Construct from this drawing. For Comment only

Revisions and Notes

1. Do not scale from this drawing.
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3. Report any discrepancies between this drawing and on site to the Engineer.
4. Contractor is responsible for temporary propping.
5. All setting out and dimension are indicative and taken from the Architectural drawings.
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7. Client has to ensure all party wall agreement must be in place before starting construction.

Project No. 0998

Dwg No. 11

Revision

Scale at A3 1:50

Date 31.10.2025

Designed Z.A.	Checked A.C.
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Drawn	Approved A.C.
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**NOTE: All Waterproofing, Finishes, Screed
Insulation to be specified by Architect and
Agreed with Building Control**

160mm HSX Compressible filler under the slab for TREE root protection on top of 50mm thick concrete blinding

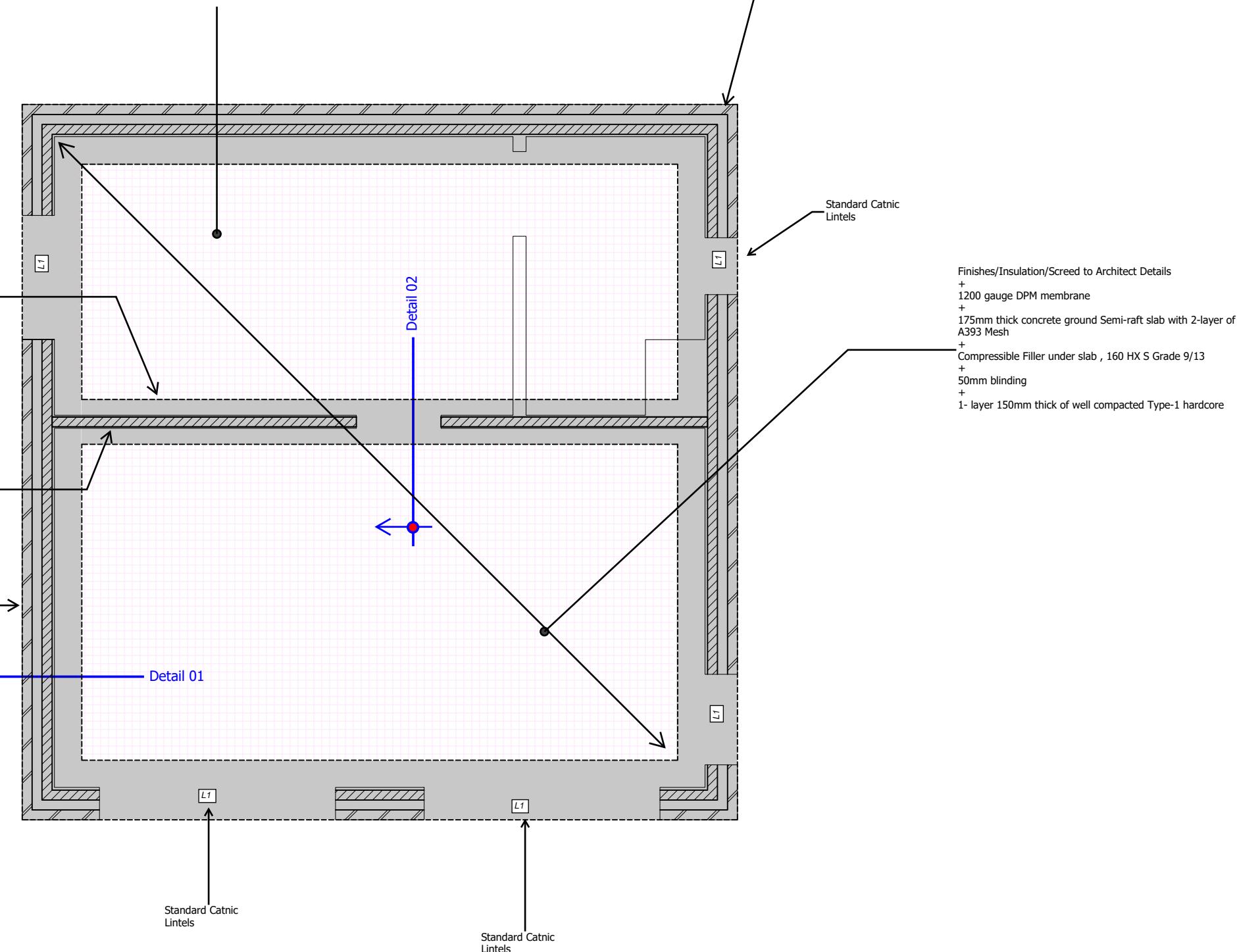
External All New cavity wall 100mm Dense Concrete block inner leaf 7N/mm² + Facing brick to Architect details

450mm wide x 350 mm thick Slab thickening with 4No. H16 Bars Top & Bottom and H10 shear links @ 200mm ctrs Minimum concrete cover around all faces to be 50mm.
+ Minimum 2 layers of 150mm thick compacted hardcore

Internal single leaf wall 100mm Dense Concrete block inner leaf 7N/mm²

600mm wide x 350mm thick Slab Edge thickening with 4No. H16 Bars Top & Bottom and H10 shear links @ 200mm ctrs Minimum concrete cover around all faces to be 50mm.
+ Minimum 2 layers of 150mm thick compacted hardcore

PROPOSED GROUND FLOOR & FOUNDATION PLAN



Client Name

'Zeeshan Haider'

Project Address

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RG40 3NL

Section

Structural

Stage

Building Regulation

Drawing Title

Proposed Roof Plan

Drawing Status

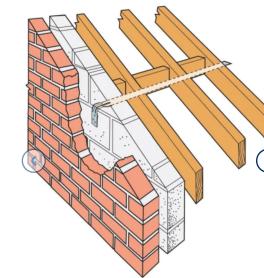
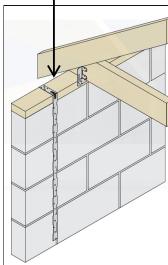
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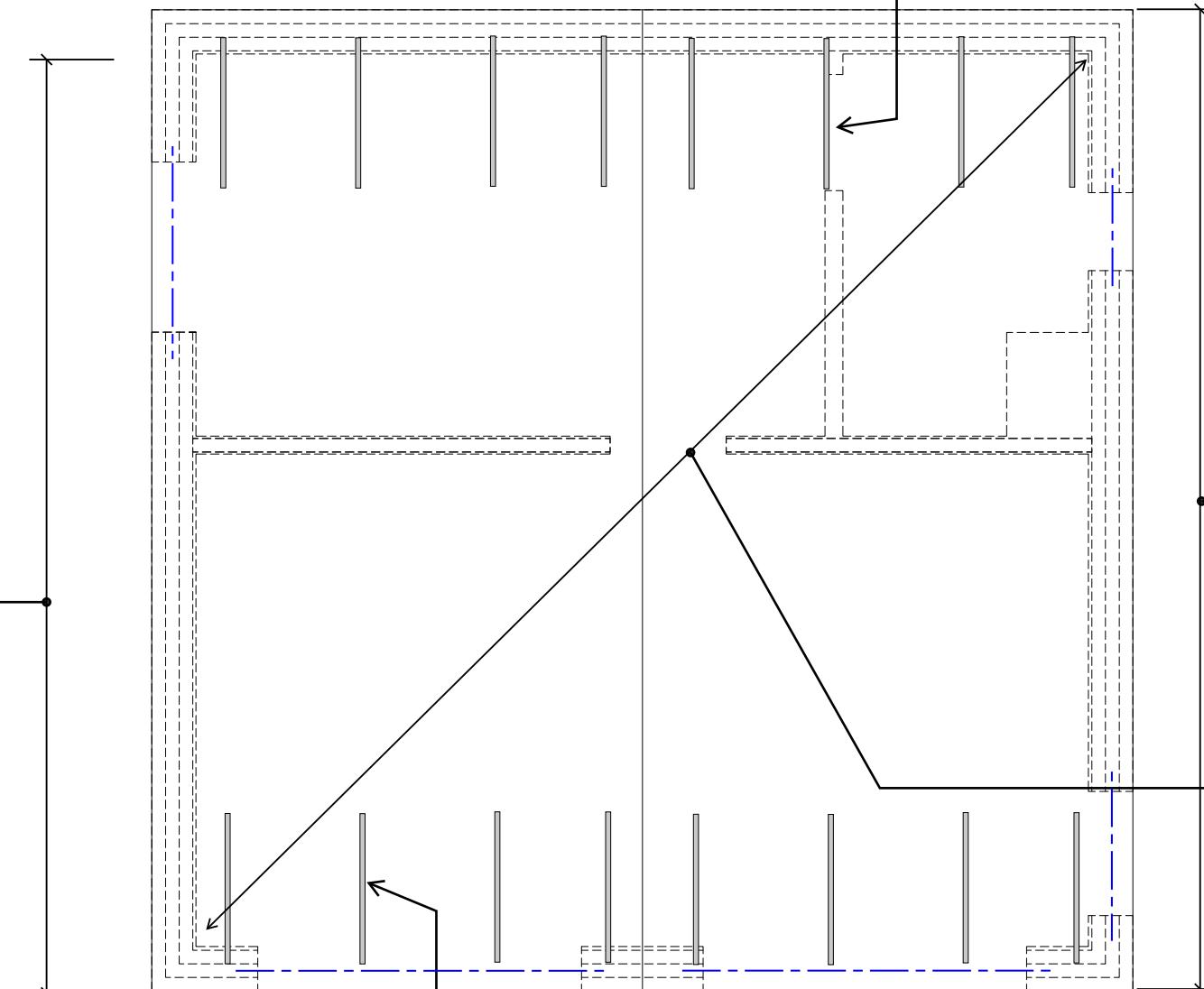
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Simpson Strong Tie or Expamet - Vertical holding down restraint L-shape-Galvanized straps 1100mm long at 1200mm horizontal centres to have horizontal leg bent across the wall plate, vertical leg to be face fixed to the masonry with minimum of 5 no. 5.00x70 plugged screws, with last fixing to be located within 100mm of bottom end of the strap . fixing according to manufacturer's details

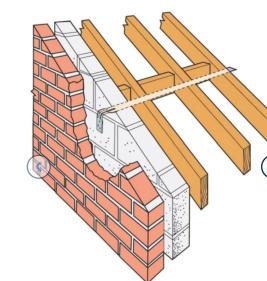


Simpson Strong Tie or Expamet - Horizontal lateral restraint L-shape-Galvanized straps @ 1200mm horizontal centres to have 100mm vertical leg bent tight across the wall with the horizontal leg to pass across 3No roof Rafters/ceiling joists. The strap is to be fixed to each rafter and twice to each noggin with 5.00x70 screws, fixing according to manufacturer's details



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Roof Trusses by specialist Crendon Timber or similar



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PROPOSED ROOF PLAN



Project No. 0998

Dwg No. 12

Revision

Scale at A3 1:50

Date 31.10.2025

Designed Z.A.	Checked A.C.
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Client Name

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Section
Structural

Stage
Building Regulation

Drawing Title
Structural Detail

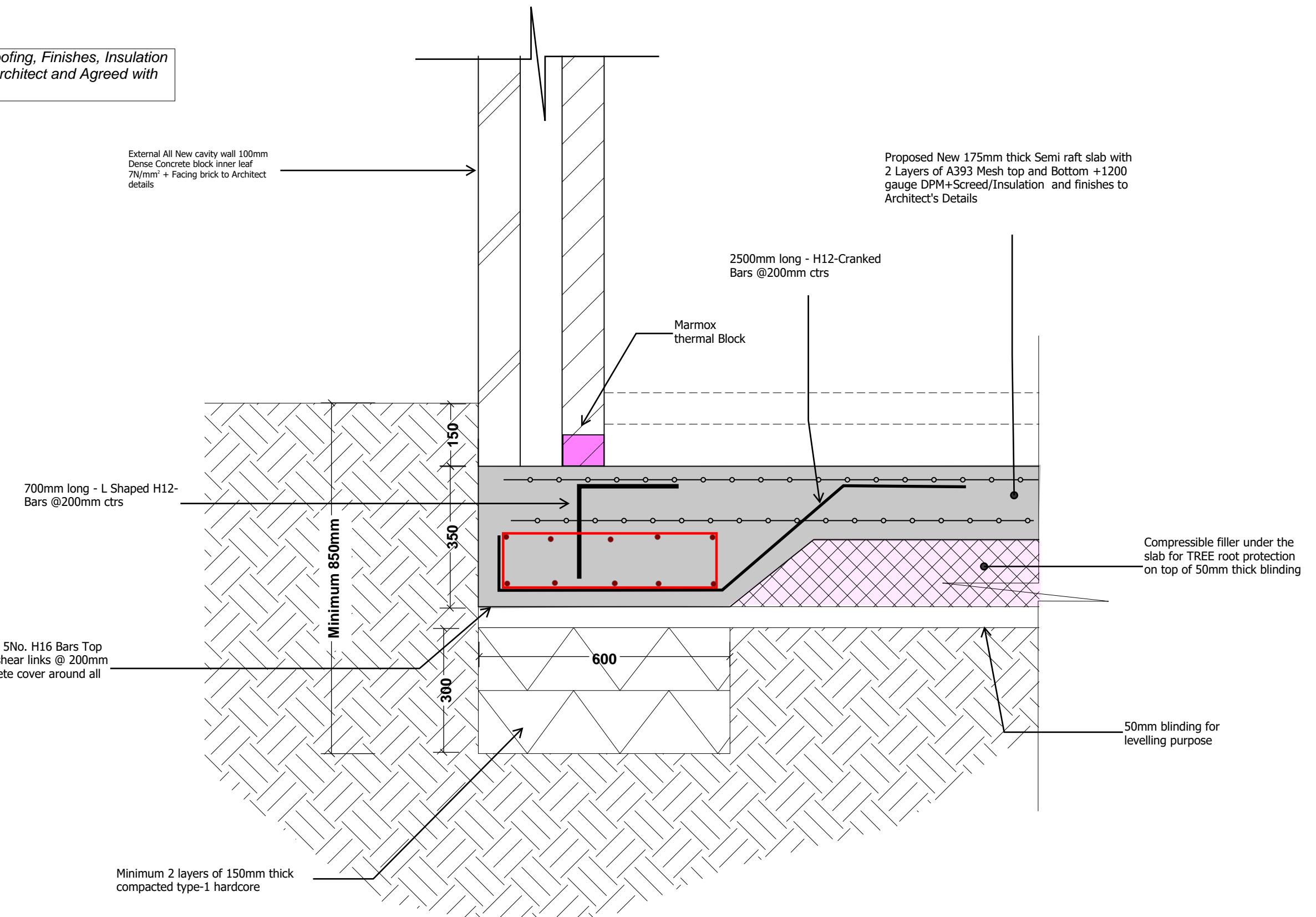
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**Detail 01 - Foundation Detail
(Semi Raft Slab)**

Scale 1:10

Project No. 0998

Dwg No. 101

Revision

Scale at A3 1:50

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Section
Structural

Stage
Building Regulation

Drawing Title
Structural Detail

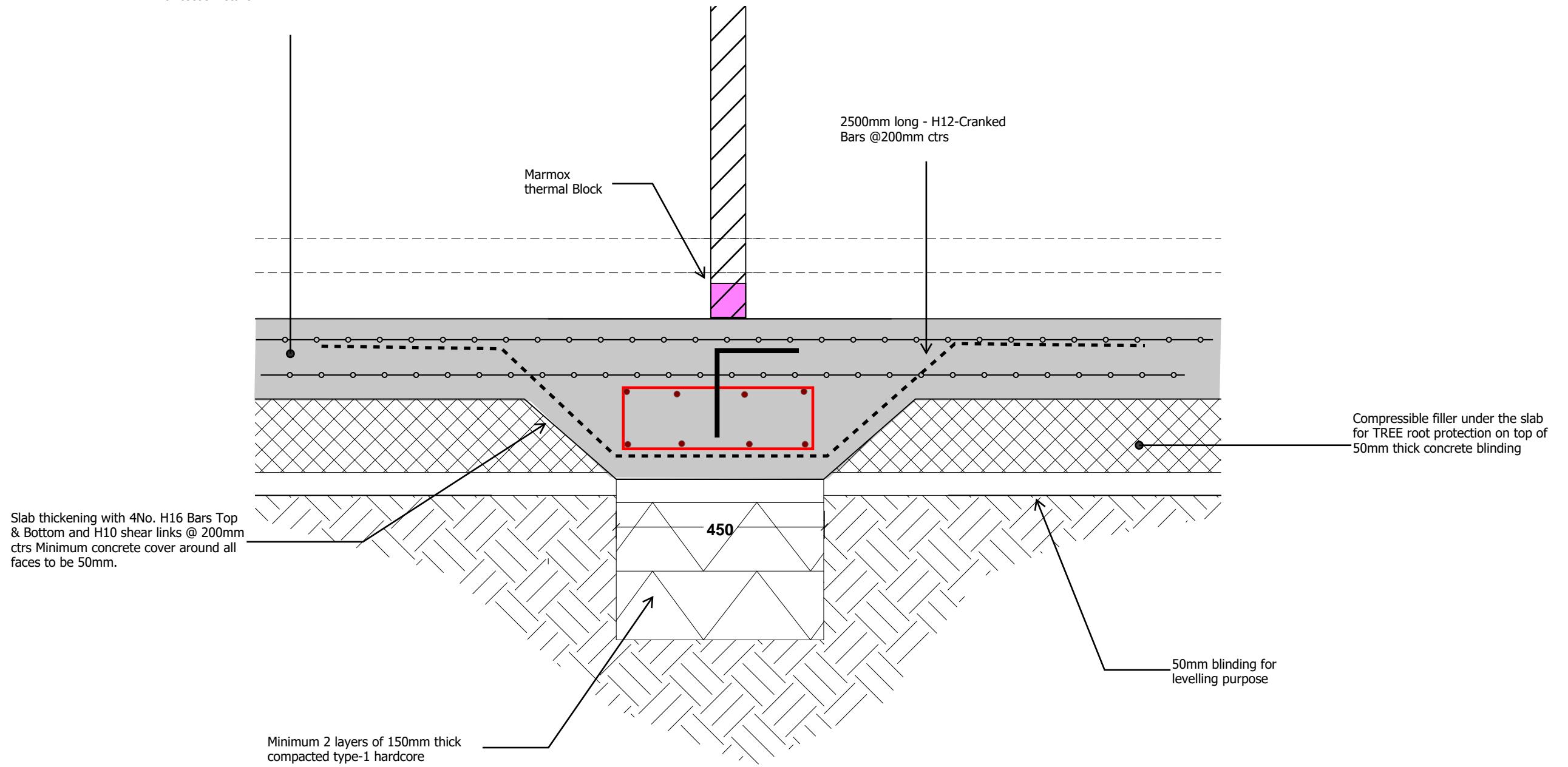
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Proposed New 175mm thick Semi raft slab with 2 Layers of A393 Mesh top and Bottom +1200 gauge DPM+Screeed/Insulation and finishes to Architect's Details



Detail 02 - Foundation Detail (Semi Raft Slab)

Scale 1:10

Project No. 0998

Dwg No. 102

Revision

Scale at A3 1:50

Date 31.10.2025

Designed Z.A. Checked A.C.

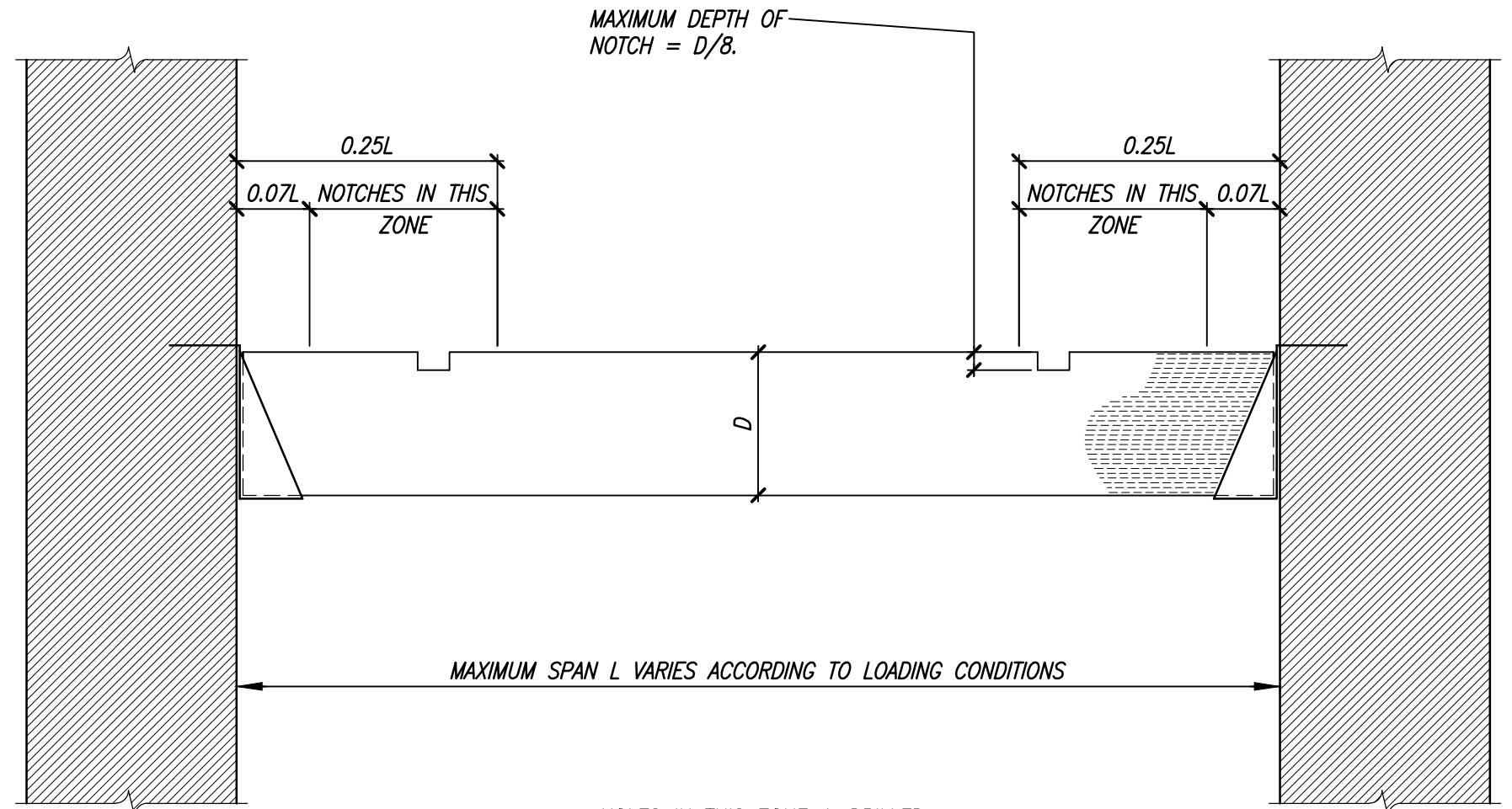
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Section Detail 03A

Guidance for Notching Timber Joists

Scale 1:10



Section Detail 03B

Guidance for Drilling Holes in Timber Joists

Scale 1:10

