



QAIM STRUCTURES

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.
2. This drawing is to be read in conjunction with all relevant Engineers and Architects drawings and specifications.
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. Contractor to check all dimension on site and to be agreed with the Architect and the Client before starting construction.
6. Contractor to consider the finishes /build-up of floor to have minimum clear ceiling heights as required from the Client and the Architect.
7. Client has to ensure all party wall agreement must be in placed 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.

Drawn Approved A.C.

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

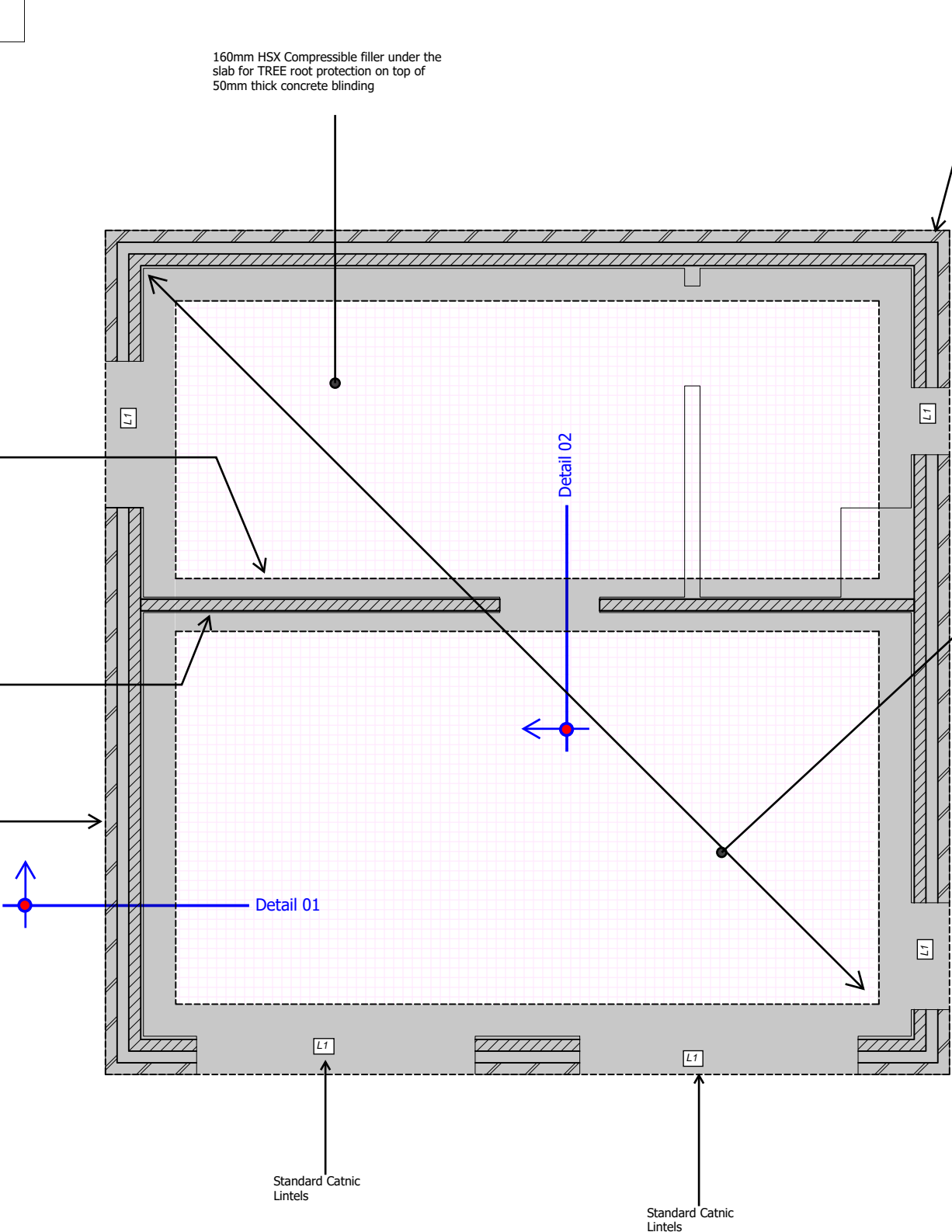
Standard Catnic Lintels

Finishes/Insulation/Screed to Architect Details
+ 1200 gauge DPM membrane
+ 175mm thick concrete ground Semi-raft slab with 2-layer of A393 Mesh
+ Compressible Filler under slab , 160 HX S Grade 9/13
+ 50mm blinding
+ 1- layer 150mm thick of well compacted Type-1 hardcore


450mm wide x350 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



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STRUCTURES

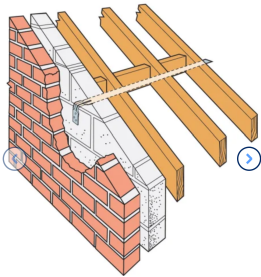
Unit 12 Ruscombe Business
Park Twyford RG10 9NN
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Client Name	'Zeeshan Haider'
Project Address	297 Nine Mile Ride, Finchampstead, Wokingham RG40 3NL
Section	Structural
Stage	Building Regulation
Drawing Title	Proposed Roof Plan
Drawing Status	For Approval
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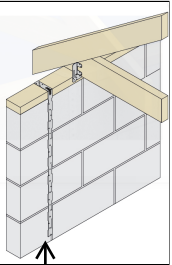
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Project No. 0998	
Dwg No. 12	
Revision	
Scale at A3 1:50	
Date 31.10.2025	
Designed Z.A.	Checked A.C.
Drawn	Approved A.C.

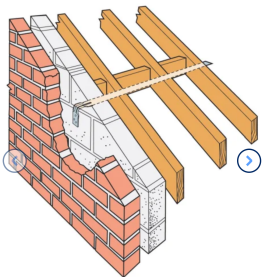
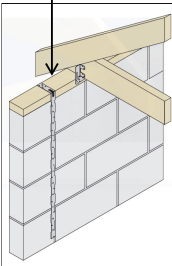


Simpson Strong Tie or Expamet - Horizontal lateral restraint L-shape-Galvanized straps @ 1200mm horizontal centres to have 100mm vertical leg bent tight across the wall with the horizontal leg to pass across 3No roof Raftes/ceiling joists. The strap is to be fixed to each rafter and twice to each noggin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



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

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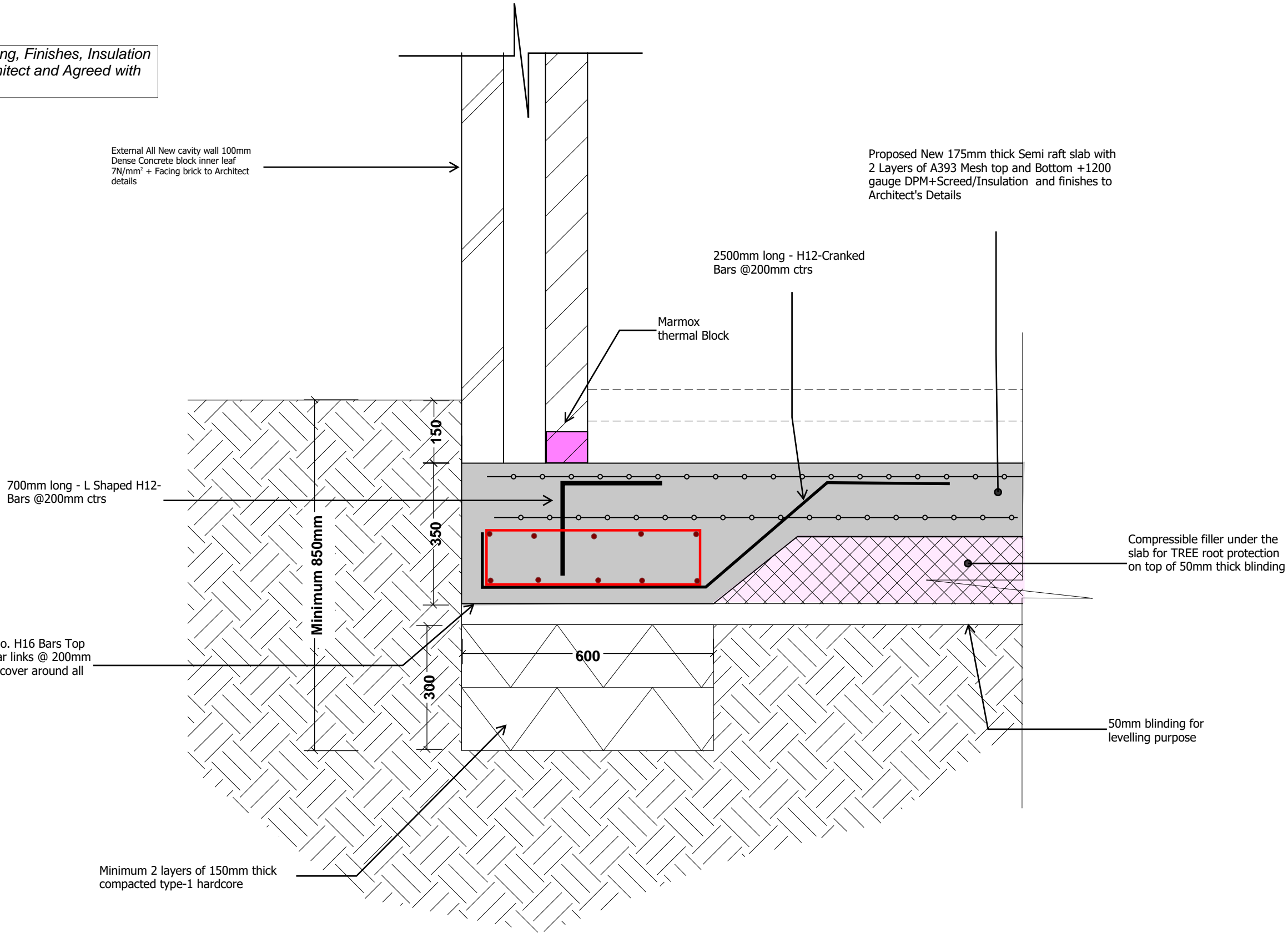
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Roof Trusses by specialist
Crendon Timber or similar




PROPOSED ROOF PLAN

NOTE: All Waterproofing, Finishes, Insulation to be specified by Architect and Agreed with Building Control



Detail 01 - Foundation Detail
(Semi Raft Slab)
Scale 1:10



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Section

Structural

Stage

Building Regulation

Drawing Title

Structural Detail

Drawing Status

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Project No.	0998		
Dwg No.	101		
Revision			
Scale at A3	1:50		
Date	31.10.2025		
Designed	Z.A.	Checked	A.C.
Drawn		Approved	A.C.

 **QAIM
STRUCTURES**

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Park Twyford RG10 9NN
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Zeeshan Haider¹

297 Nine Mile Ride,
Finchampstead, Wokingham
RG40 3NL

Structural

Building Regulation

Structural Detail

For Approval

Revisions and Notes

Drawn	Approved A.C.
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Marmox
thermal Block

— 450

Minimum 2 layers of 150mm thick compacted type-1 hardcore

— 50mm blinding for levelling purpose

Scale 1:10

<div><div><div></div><div>QAIM STRUCTURES</div></div><div>Unit 12 Ruscombe Business Park Twyford RG10 9NN info@qaimstructures.co.uk</div></div>	
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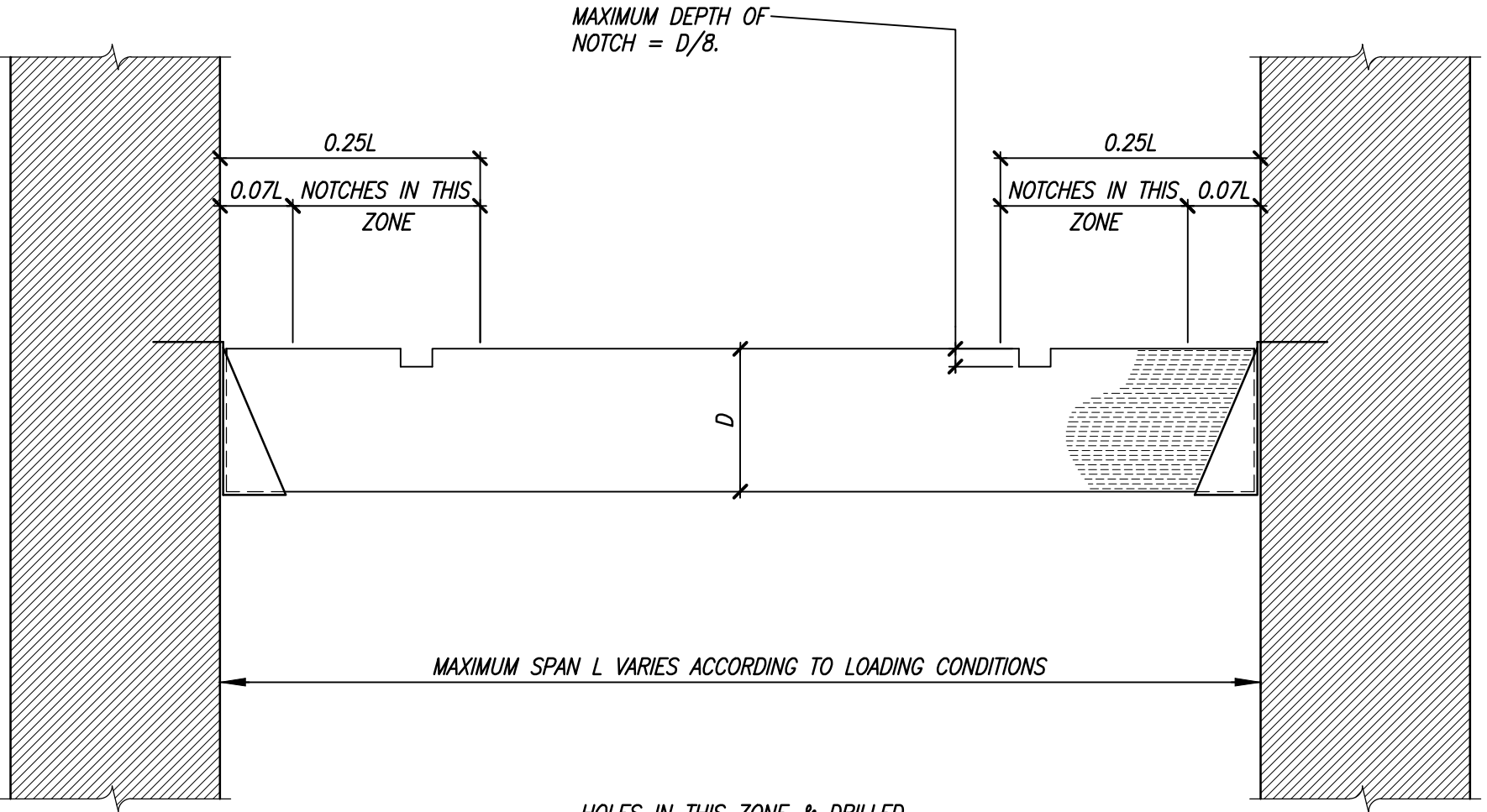
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Project No. 0998		
Dwg No. 103		
Revision		
Scale at A3 1:50		
Date 31.10.2025		
Designed	Z.A.	Checked A.C.
Drawn		Approved A.C.

Section Detail 03A
Guidance for Notching Timber Joists

Scale 1:10



Section Detail 03B
Guidance for Drilling Holes in Timber Joists

Scale 1:10

