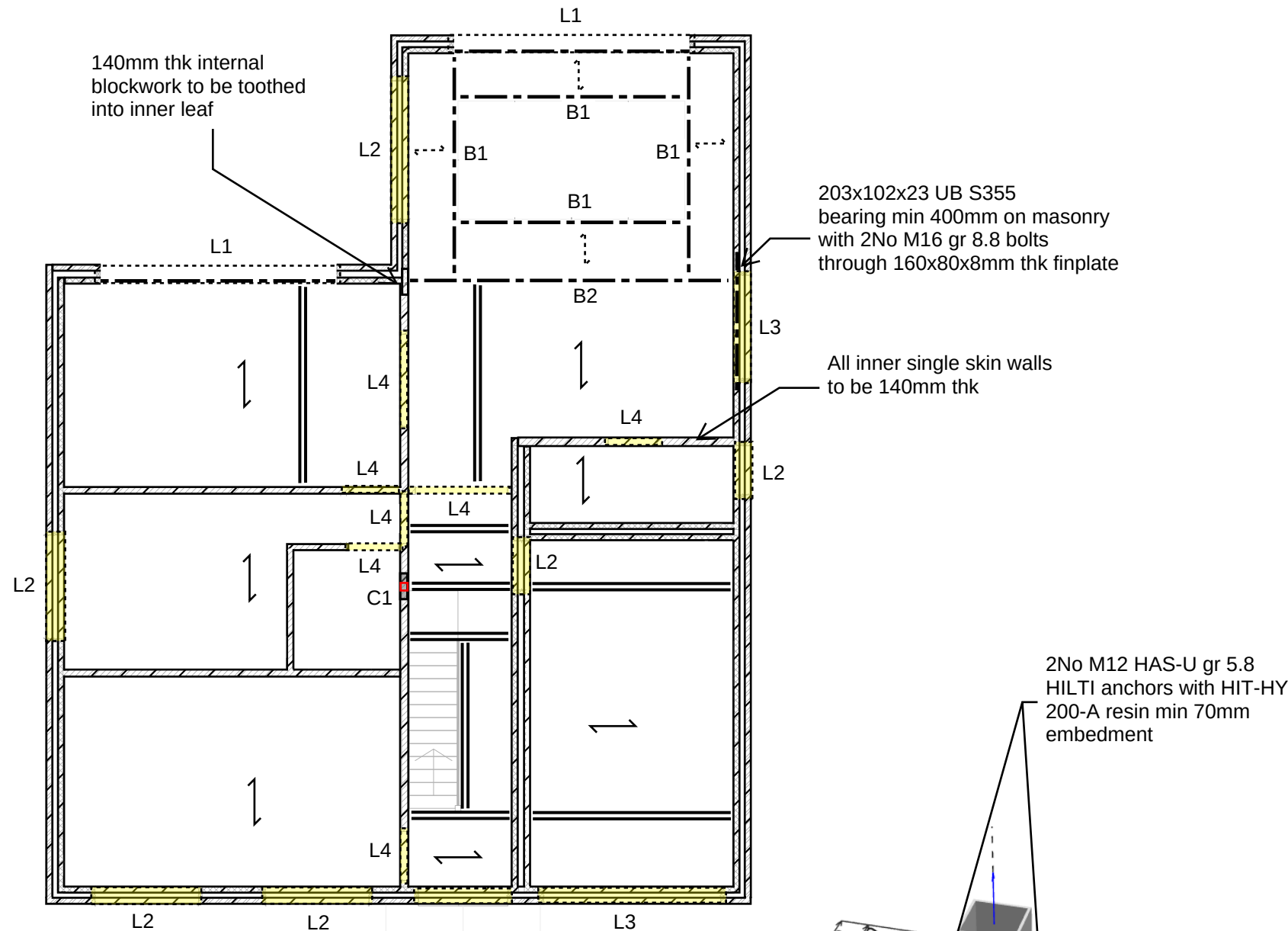
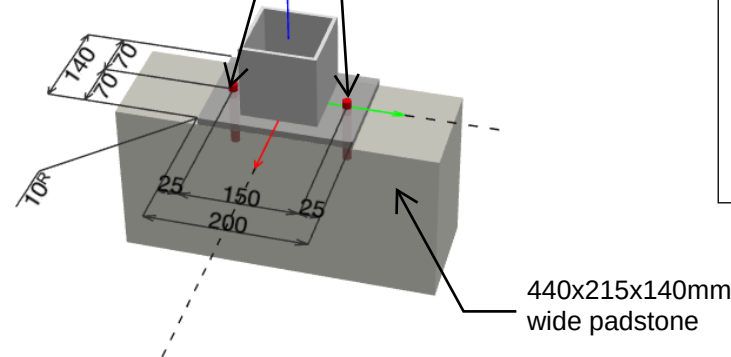




Ground floor plan showing structure over



C1 column baseplate detail

General Notes

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications. Inform design team immediately if any discrepancies are noted. Do not scale from this drawing.

All dimensions to be confirmed on site by contractor.

If there are any concerns after removing the finishes, or any discrepancies to the assumptions shown, or if there are any concerns prior to or during demolition, Thetis should be consulted immediately.

Steel

All steel S355 UNO. All Plates S275 UNO. All bolts M16 grd 8.8 UNO. All welds min 6fw UNO. All fillet welds to base plates, cap plates & end plates to be all round. UNO, base plates to be min 10mm thk S275 steel w/ min 4 No. M16 bolts.

All steel connections to be designed for a min ULS Shear=50 kN and to contain at least 2 No. M16 grd. 8.8 bolts. Design by fabricator. All new steelwork to have min 100mm bearing onto new padstones.

Temporary Works

The Contractor is entirely responsible for maintaining the stability of all existing buildings and structures, within and adjacent to the works, and of all the works from the date of possession of the site until practical completion of the works.

The Contractor shall design, install and maintain all necessary temporary works and shall submit proposals for the temporary supports and sequence of construction for the works, to the Structural Engineer and Contract Administrator at least 10 working days prior to starting on site. These proposals shall be supported by design calculations unless agreed otherwise by the Structural Engineer in writing.

Stability

The Contractor is to accept full responsibility for the stability and structural integrity of the works during the Contract and provide temporary support as necessary. They shall also prevent overloading of any completed, partially completed or existing elements.

Steel Element Schedule

C1	100x100x5.0 SHS S355
B1	203x102x23 UB S355
B2	254x146x37 UB S355

Lintel Schedule

L1	200x100x5.0 RHS S355 with 270x10mm thk bottom plate
L2	Standard Duty Catnic lintel CG90/100
L3	203x102x23 UB S355 with Standard Duty Catnic lintel CG90/100
L4	Naylor S5 precast lintel 140x140dp

This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.

Do not scale from this drawing.

Key

	Span of 47x200 C24 timber joists at 400mm c/c
	Span of 47x100 C24 timber joists at 400mm c/c
	100mm 7.3N lightweight concrete block wall
	140mm 7.3N lightweight concrete block wall
	Steel beam
	Steel beam with bottom plate
	Steel post
	New Lintel
	Doubled up timber joists
	440x215x100mm concrete padstone
	440x215x140mm concrete padstone

P2 07/06/23 DKH Updated to suit design
P1 16/05/23 DKH OJS Preliminary

rev	date	by	chk	description
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Thetis Engineering Ltd.

Project
32 Valley Road, Chandlers Ford

Drawing title
Ground floor plan
showing structure over

Scale	Date	Drawn
NTS	May 2023	DKH
Drawing status	Status	Revision
Preliminary	S2	P2
Project no. Originator Zone Level Type Role drg no. 2230109-THE - ZZ - 00 - SK - S - 0002		