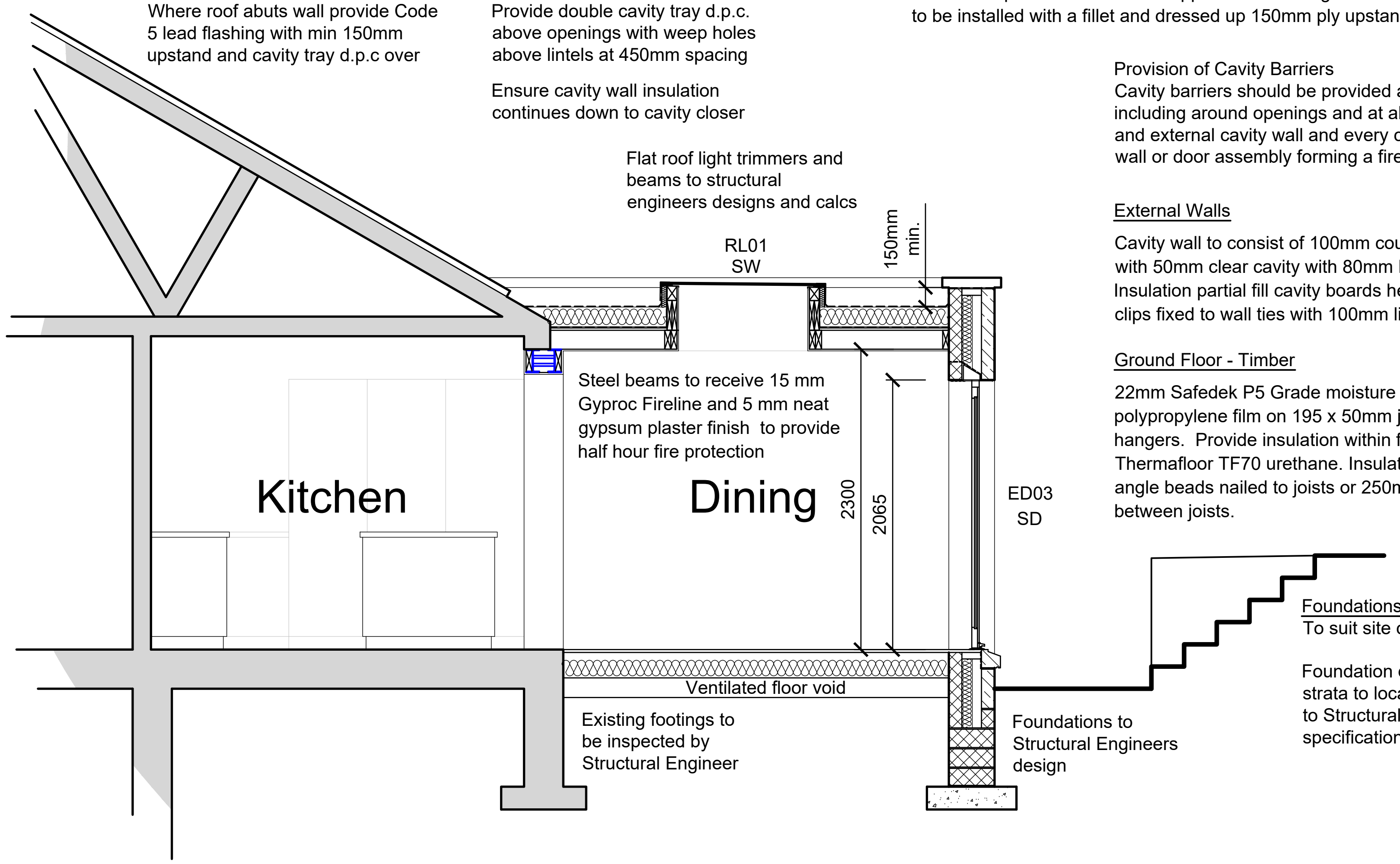
PLEASE REFER TO THE STRUCTURAL ENGINEERS DRAWINGS FOR FULL DETAILS AND SPECIFICATIONS. THESE DRAWINGS ARE TO BE USED AS A GUIDE ONLY.

Where roof abuts wall provide Code 5 lead flashing with min 150mm upstand and cavity tray d.p.c over

Provide double cavity tray d.p.c. above openings with weep holes above lintels at 450mm spacing

Ensure cavity wall insulation continues down to cavity closer

Flat roof light trimmers and beams to structural engineers designs and calcs



Flat Roof GRP

GRP or EDPM Roofing Membrane on 18mm wbp ply deck on 150mm Kingspan Thermaroof insulation on 500 gauge Visqueen with lapped and sealed joints on 18mm wbp ply on timber firings to give min. 1 in 40 fall on 145x47mm C24 joists at 400 centres fixed to 50x100mm timber wall plate bedded and strapped to wall with galv. steel straps at 2m c/s. GRP membrane to be installed with a fillet and dressed up 150mm ply upstand with lead cap flashing.

Provision of Cavity Barriers
Cavity barriers should be provided at the edge of all cavities, including around openings and at all junctions between the internal and external cavity wall and every compartment floor/ wall or other wall or door assembly forming a fire resisting barrier.

External Walls

Cavity wall to consist of 100mm coursed artificial stone outer leaf with 50mm clear cavity with 80mm Kingspan Kooltherm Urethane Insulation partial fill cavity boards held back to inner leaf with plastic clips fixed to wall ties with 100mm lightweight block. (U Value 0.18)

Ground Floor - Timber

22mm Safedek P5 Grade moisture resistant chipboard with slip resistant polypropylene film on 195 x 50mm joists at 600mm centres, supported on hangers. Provide insulation within floor comprising 150mm Kingspan Thermafloor TF70 urethane. Insulation supported on battens or plaster angle beads nailed to joists or 250mm Rockwool Flexi insulation fitted between joists.

Foundations

To suit site conditions

Foundation depth to suitable bearing strata to local authority approval and to Structural Engineers design and specification.

Section A-A

1:50 0 1 2 3 4 5 m

NOTES

This drawing has been prepared specifically for the purpose of obtaining Planning and or Building Regulations Approval. Its suitability for other purposes without additional supplementary details and specifications cannot be guaranteed.

All dimensions are to be checked on site, any discrepancies are to be reported to the designer before work commences. Use only figured dimensions.

All structural components shown are indicative only. Details / calculations of structural members are to be provided by the Structural Engineer.

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Revisions

P01	Preliminary Issue	10.07.25
P02	Amendments	16.07.25
P03	Amendments	25.07.25

Project:

Rear Single Storey Extension and Internal Alterations

at 83 Ridings Fields
Brockholes
Holmfirth

for Mr & Mrs. Fortune

Section A-A

Purpose of issue: BUILDING REGULATIONS

Drawn	DRH
Date	July 2025
Scales	1:50 @ A3
Drawing No.	22153 - 0202 - P03