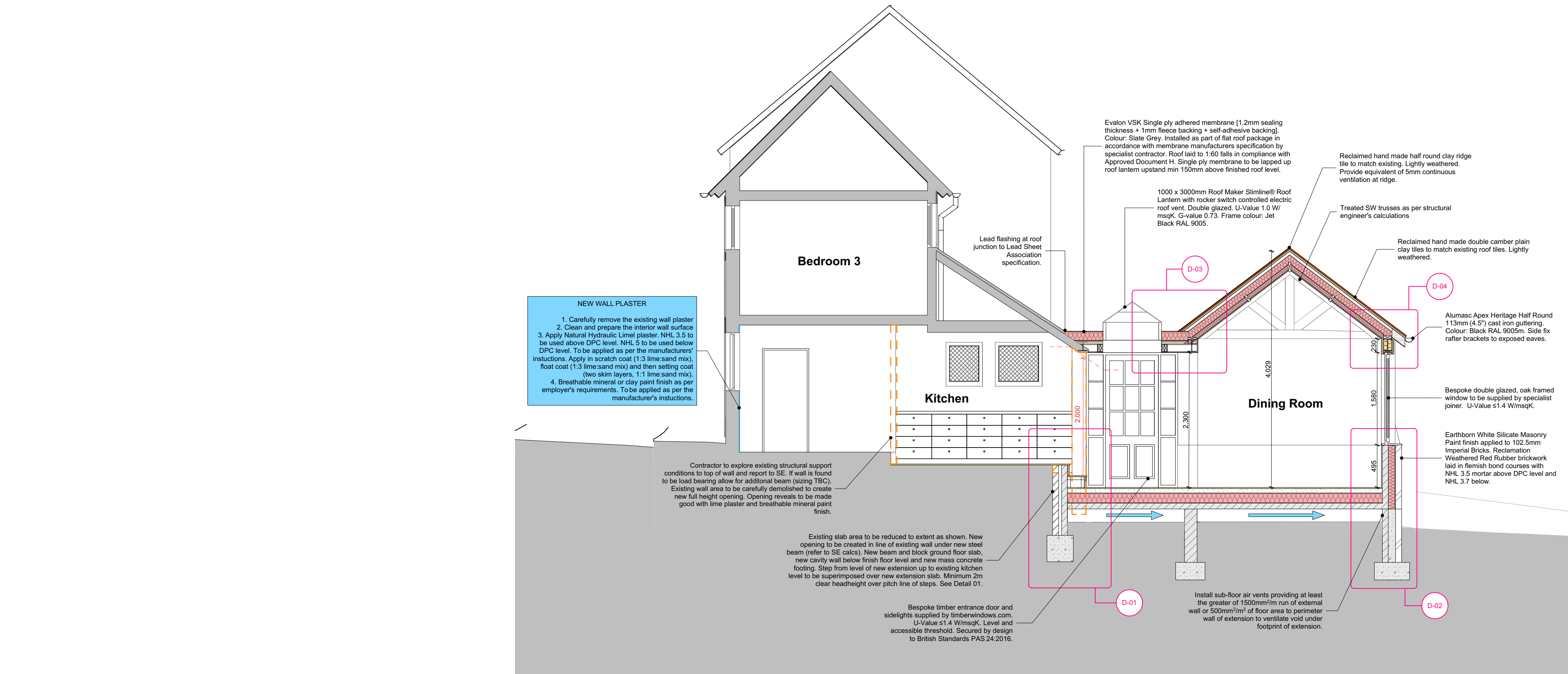
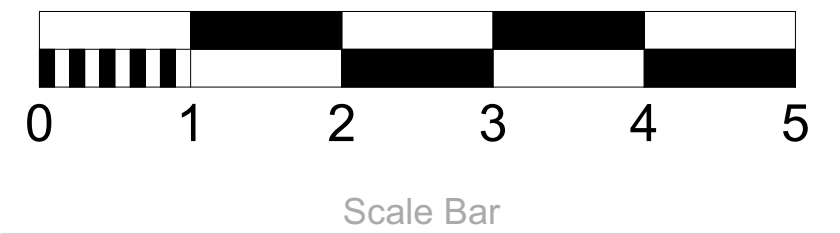




Section BB

MASONRY AND PLASTER REPAIRS GENERALLY TO HISTORIC FABRIC

1. All repairs and alterations to masonry including repointing to be carried out using lime based mortar. Natural Hydraulic Lime (NHL) mortars of appropriate strength for application.

2. All plaster and render repairs over masonry substrate to be carried out as 3 coat - scratch, float and finish coat using lime based mortar. Natural Hydraulic Lime (NHL) plaster/ mortars. All repairs to be carried out like for like unless otherwise stated. Scratch and float coats to be mixed with fibre reinforcement eg sisal, hair, polypropylene at a rate of 5kg/ m3.

3. Plaster repairs left work. Lath repairs to be installed using riven or sawn laths to match neighbouring historic work. Laths fixed with 30mm stainless ringbark nails. Laths installed with gaps of 6 to 8mm. Plaster and render repairs laths to be carried out as 3 coat - 1. Scratch/pricking up coat applied with firm pressure with 50% of coat pushed through laths to leave 10mm ribs behind laths. Pricking up coat mixed with fibre reinforcement eg sisal, hair, polypropylene at a rate of 5kg/ m3. 2. Float coat with fibre reinforcement at rate of 5kg/ m3. 3. finish coat. All coats using lime based mortar. Natural Hydraulic Lime (NHL) plaster/ mortars.

NOTE NO PORTLAND CEMENT OR GYPSUM BASED PRODUCTS TO BE USED DURING THE WORKS UNLESS SPECIFICALLY STATED.

DECORATION GENERALLY TO HISTORIC FABRIC

1. INTERNAL PLASTERWORK

Mineral or clay paint over historic and lime based substrates only. Treatments to be compatible with vapour open substrates and construction only.

2. EXTERNAL MASONRY & RENDER WHERE APPLICABLE

Mineral paint over historic and lime based substrates only. Treatments to be compatible with vapour open substrates and construction only.

Notes

Do not scale off this drawing except for planning purposes

Check all dimensions on site before any work commences

All goods, materials and workmanship must conform to current building regulations, british standards and codes of practice.

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Drawing to be printed A1

Construction Spec Notes

Beam & Block Ground Floor (Extension) - 0.11W/m²K

Floor finish
75mm Screed
500 Gauge polythene isolating layer
170mm Redisol Eurothane GP
Vaqueen EcoMembrane 300µ DPM
100mm Concrete, dense

Flat Roof (Extension) - 0.15W/m²K

Single ply adhered membrane
150mm Redisol Powerdeck F
Vapour control layer
Firings to form falls
125x47mm roof joists at 400mm centres
18mm OSB3
12.5mm standard plasterboard
3mm Gypsum skim coat plaster finish

Pitched Roof (Extension) - 0.19W/m²K

Reclaimed plain clay roof tiles
38x25mm SW timber battens
20mm ventilated cavity
Solitex plus wind and airtightness membrane
170x47mm softwood rafters at 400mm centres with 120mm EcoTherm Eco-Versal insulation between rafters
72.5mm Kooltherm K118 to underside of rafters
12.5mm standard plasterboard
3mm Gypsum skim coat plaster finish

External Plinth Wall (Extension) - 0.16W/m²K

Gypsum plaster with skim finish
Pro Clima Intello Plus Airtight Vapour Check Membrane
100mm medium dense aggregate block
Stainless steel cavity wall ties
115mm Redisol Eurowall
10mm air cavity (low emissivity)
102.5mm brick laid in flemish bond pattern

Plinth Foundation Wall (Extension)

100mm medium dense aggregate block
Stainless steel cavity wall ties
125mm concrete filled cavity
102.5mm brick laid in flemish bond pattern

Footings (Extension)

Reinforced Concrete footings as per structural engineer's calls

External Wall (Extension) - 0.19W/m²K

3mm Gypsum plaster skim finish
12.5mm standard plasterboard
Pro Clima Intello Plus Airtight Vapour Check Membrane
150mm SW treated studwork to SE calls, fully filled with 140mm Thk Stoico Flex OS6 wood fibre slab insulation
12mm OSB 3 Sheathing
Solitex plus wind and airtightness membrane
60mm Gutux Multitherm insulation
Solitex plus wind and airtightness membrane
50x50mm S.W. treated vertical battens
Black painted treated horizontal featheredge timber cladding

General Notes

Demolition
DASHED INDICATES TO BE DEMOLISHED

BUILDING REGULATIONS

ecotecture[®]

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Description: Section BB

Scale: 1:50 Date: 12/02/2026
Drawn: KR Checked: RM

Drawing No: 818/431