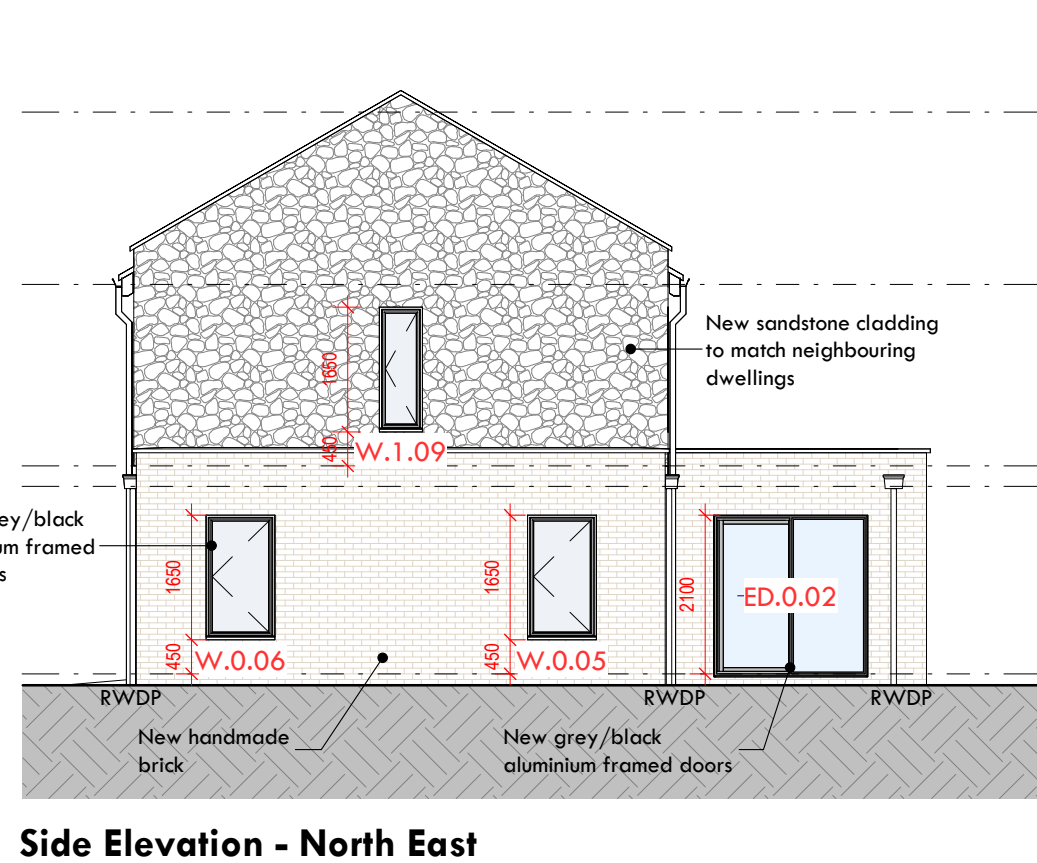
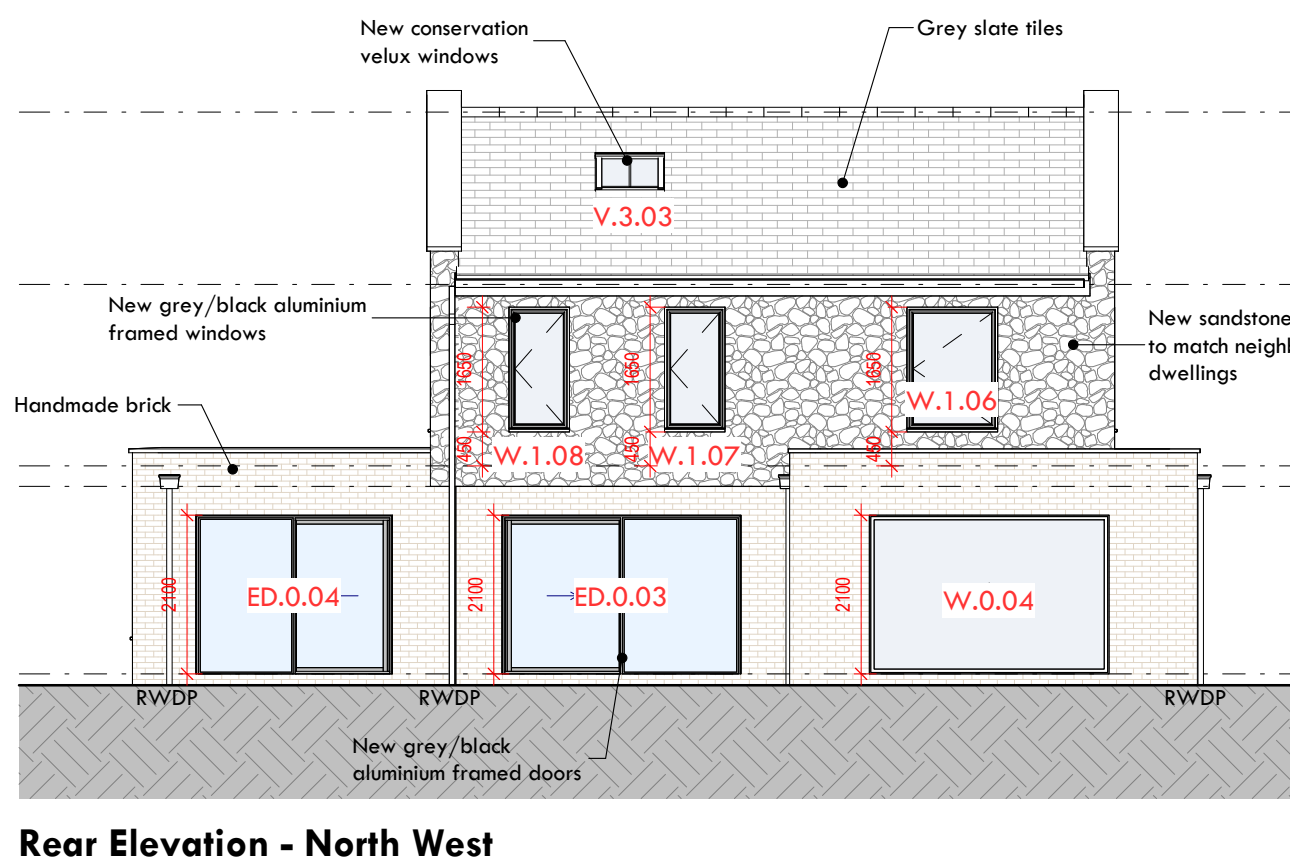
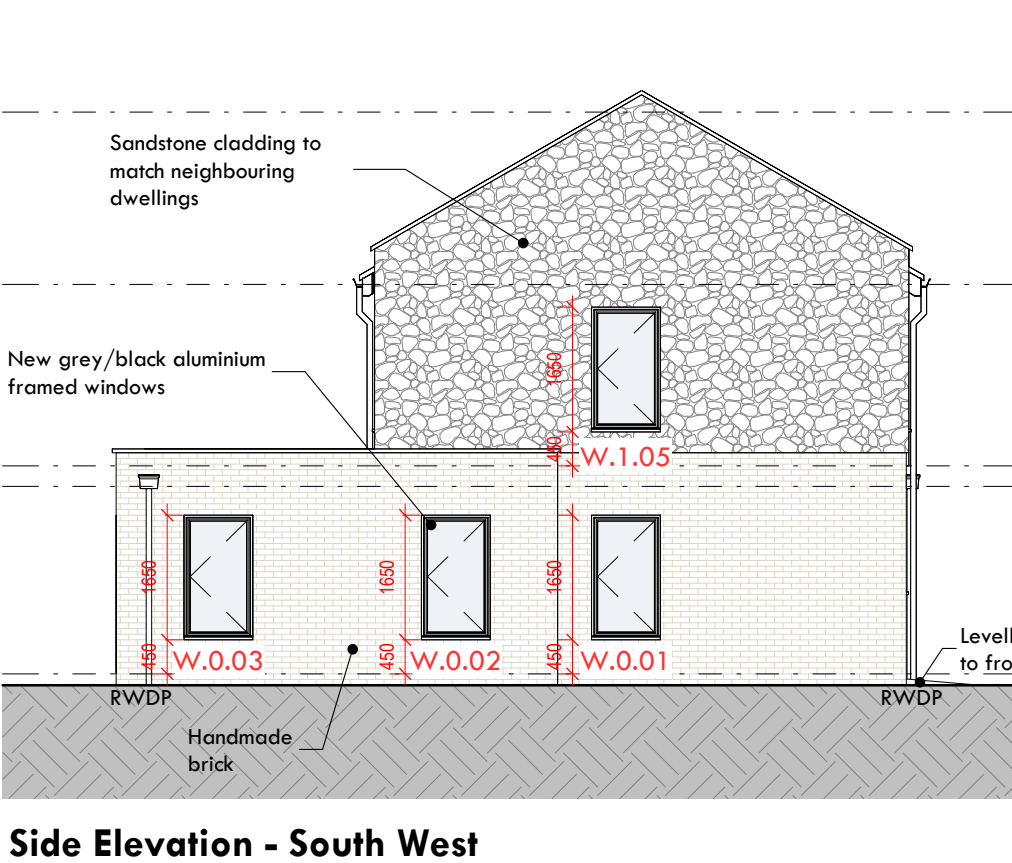
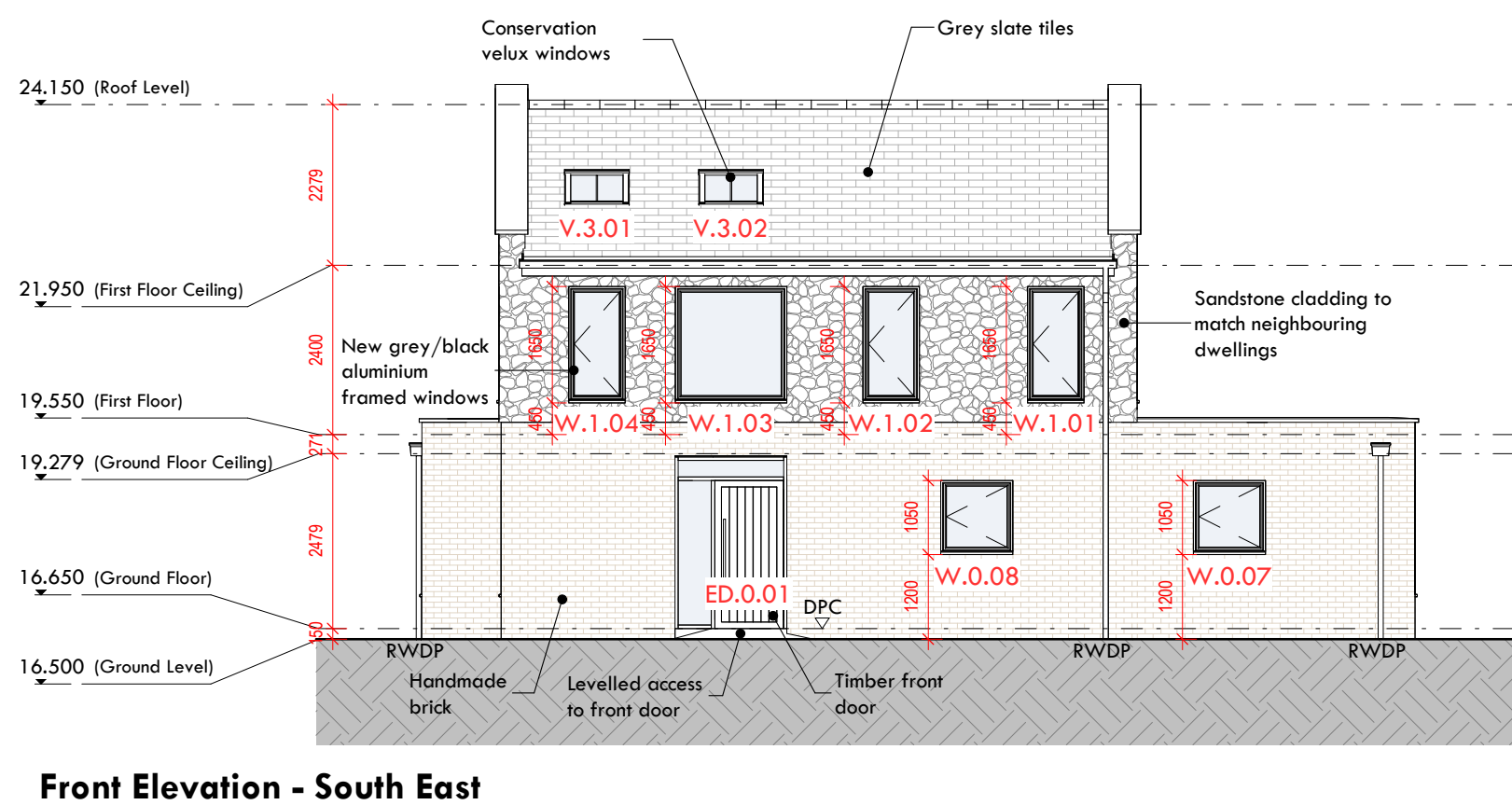


BUILDING REGULATIONS

REV	DESCRIPTION	DATE
-	Amendment to roof	MA YWL 07.11.22
A	Amendments according to planners	MA YWL 17.01.23



ROOF TYPES

Rf1 Pitched roof - Slate finish
Foricrete SL8 Slate Effect
25x50mm softwood battens
Kingspan Niltvent breathable membrane, or similar approved
47x175mm timber rafters to Structural Engineers detail

Rf2 Flat roof - GRP [U-value: 0.18 W/m²K]
Fully bonded GRP
15mm marine ply
120mm Kingspan Thermaroof TR27 PIR board, or similar approved
Visqueen Vapour Barrier, or similar approved
18mm marine ply
47x200mm timber joists
12.5mm Gyproc Wallboard, or similar approved
3mm skim finish

C1 - Ceiling
18mm OSB
100mm Kingspan Insulation over joists
100mm Kingspan Insulation fully fitted between timber joists
200 x 47mm C24 Timber joists at 400mm Centres
12.5mm Gyproc Wallboard, or similar approved
3mm skim finish

WALL TYPES

E1 External Masonary wall (red brick finish) [U-value: 0.17 W/m²K]
102.5mm Wienerberger Heritage Blend masonry wall
110mm cavity filled with 100mm Kingspan Kooltherm K106 Cavity Board, or similar approved
Kingspan Niltvent breathable membrane, or similar approved
100mm Aircrete block
10mm Dab and Dab
12.5mm Plasterboard, or similar approved
3mm skim finish

E2 External Stone cladded wall [U-value: 0.17 W/m²K]
Stone Cladding
10mm Substrate
100mm Blockwork
110mm Cavity filled with 100mm Kingspan Kooltherm K106 Cavity Board, or similar approved
100mm Aircrete block
10mm Dab and Dab
12.5mm Plasterboard, or similar approved
3mm skim finish

P1 - Timber party wall (E-WM-17)
3mm skim finish
12.5mm Plasterboard
10mm Dab + dab
100mm Blockwork
10mm Dab + dab
12.5mm Plasterboard
3mm skim finish

P1 - Timber party wall (E-WM-17)
3mm skim finish
12.5mm Plasterboard
10mm Dab + dab
140mm Blockwork
10mm Dab + dab
12.5mm Plasterboard
3mm skim finish

P2 - Stud partition [FD30 / RW15]
3mm skim finish
12.5mm Gyproc Wallboard fixed using drywall screws @300mm centres, or similar approved
38x89mm timber studs to RML specification with 1no layer of Isover Acoustic Partition Roll, or similar approved
12.5mm Gyproc Wallboard fixed using drywall screws @300mm centres, or similar approved
3mm skim finish

P3 - Timber upstand wall
12.5mm Plasterboard
60mm Kingspan continuous rigid insulation
100mm Rock-wool insulation laid between 100 x 47mm timber battens.
12.5mm Plasterboard
3mm skim finish

F1 - Foundation wall
102.5mm Engineered brick
100mm cavity filled with 90mm Kingspan Kooltherm K106 Cavity Board, or similar approved
100mm Blockwork

FLOOR TYPES

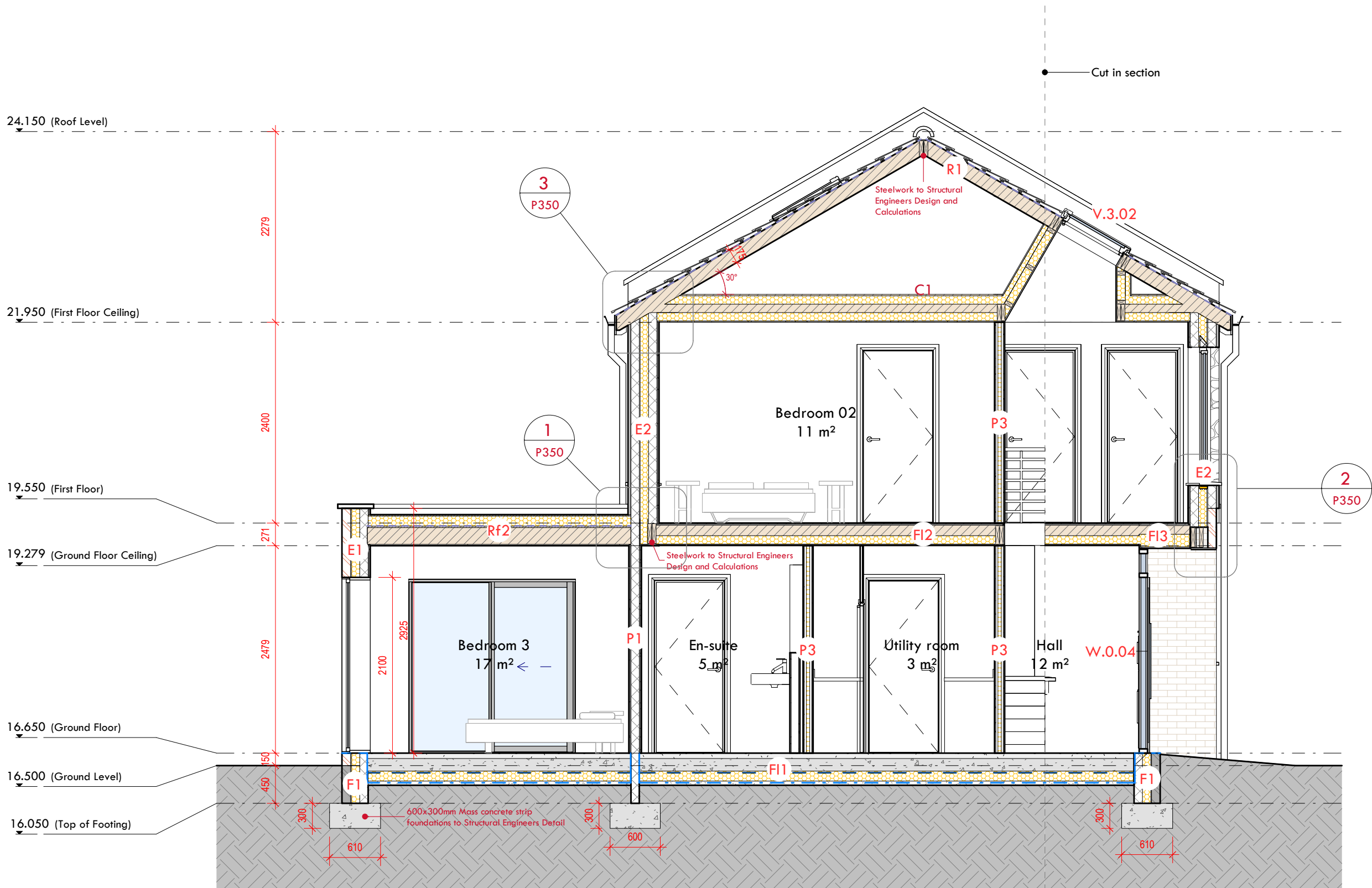
FI1 Ground Bearing Slab [U-value 0.12 W/m².K]
65mm mortar screed
Separation layer
120mm Kingspan Kooltherm K103 Floorboard (0.018 thermal conductivity), or similar approved
150mm concrete slab
Visqueen EcoMembrane DPM, or similar approved
Hardcore

FI2 - Suspended timber floor [FD30 / RW15]
18mm ply
100mm Isover Acoustic Slab between joists, or similar approved
47x255mm C4 Joists @ 400 Centres
15mm Gyproc Wallboard, or similar approved, fixed to the underside of the joists.
3mm skim finish

FI3 - Exposed timber floor over porch [FD30 / RW15]
18mm ply
2mm Sylomer TSS resilient strips
105mm joist airspace
47x255mm C4 Joists @ 400 Centres
150mm Isover Acoustic Slab between joists, or similar approved
15mm Gyproc Wallboard, or similar approved, fixed to the underside of the joists
3mm skim finish

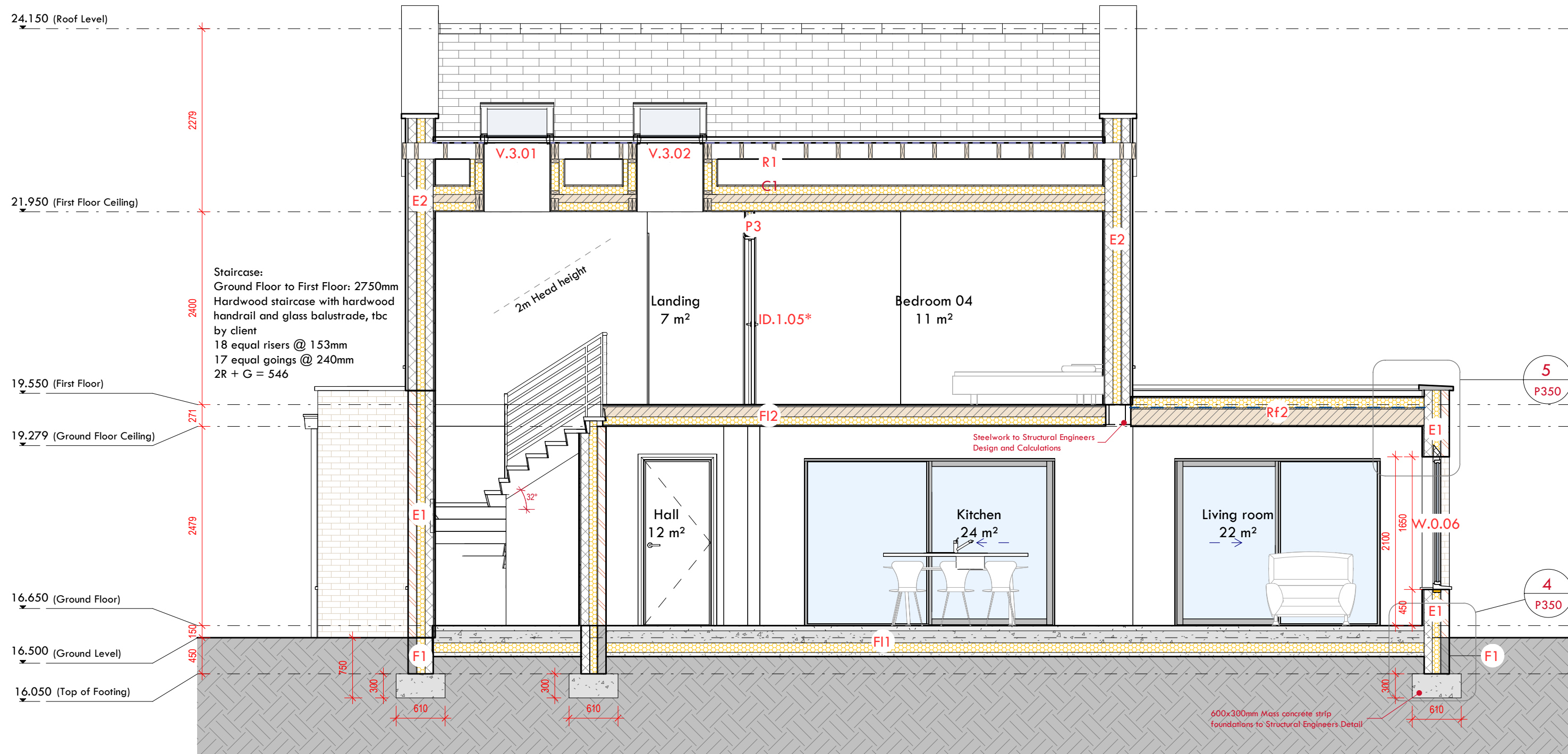
0 5 m

0 1 m 5 m



Section 01

1: 50



Section 02

1: 50