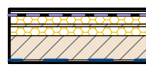


BUILDING REGULATIONS

REV DESCRIPTION ITEL CDM DATE

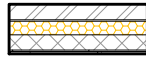
ROOF TYPES



Rf1 Pitched roof - Slate finish [U-value: 0.15 W/m²K]

Forticrete SL8 Slate Effect
25x50mm softwood battens
Kingspan Nilvent breathable membrane, or similar approved
60mm Kingspan Kooltherm K7 PIR board over rafters, or similar approved
18mm marine ply
60mm Kingspan Kooltherm K7 PIR board between rafters, or similar approved
47x220mm timber rafters to RML detail
Visqueen Vapour Barrier, or similar approved
15mm Gyproc Wallboard
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
100mm cavity filled with 90mm Kingspan Kooltherm K106 Cavity Board, or similar approved
Kingspan Nilvent breathable membrane, or similar approved
100mm Blackwork
10mm Dot and Dab
12.5mm Plasterboard, or similar approved
3mm skim finish



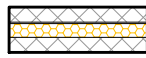
E2 Insulation to External wall

25x50mm Battens
12.5mm Gyproc Plasterboard, or similar approved
50mm Kingspan kooltherm K12 Framing Board inside, or similar approved 100mm cavity
Kingspan Nilvent breathable membrane, or similar approved
12.5mm Plasterboard, or similar approved
3mm skim finish



P1 - Stud partition (FD30 / RW15)

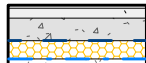
3mm skim finish
12.5mm Gyproc Wallboard fixed using drywall screws @300mm centres, or similar approved
38x89mm timber studs to RML specification with 1no layer of Isover Acoustic Partition Roll, or similar approved
12.5mm Gyproc Wallboard fixed using drywall screws @300mm centres, or similar approved
3mm skim finish



F1 - Foundation wall

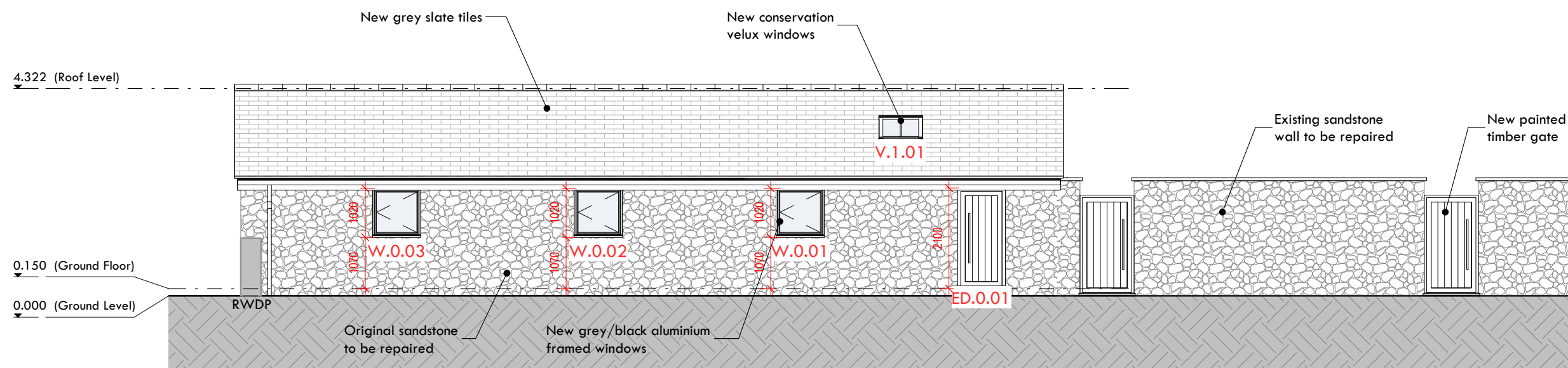
100mm Blackwork
60mm Cavity filled with 50mm Insulation
100mm Blackwork

FLOOR TYPES



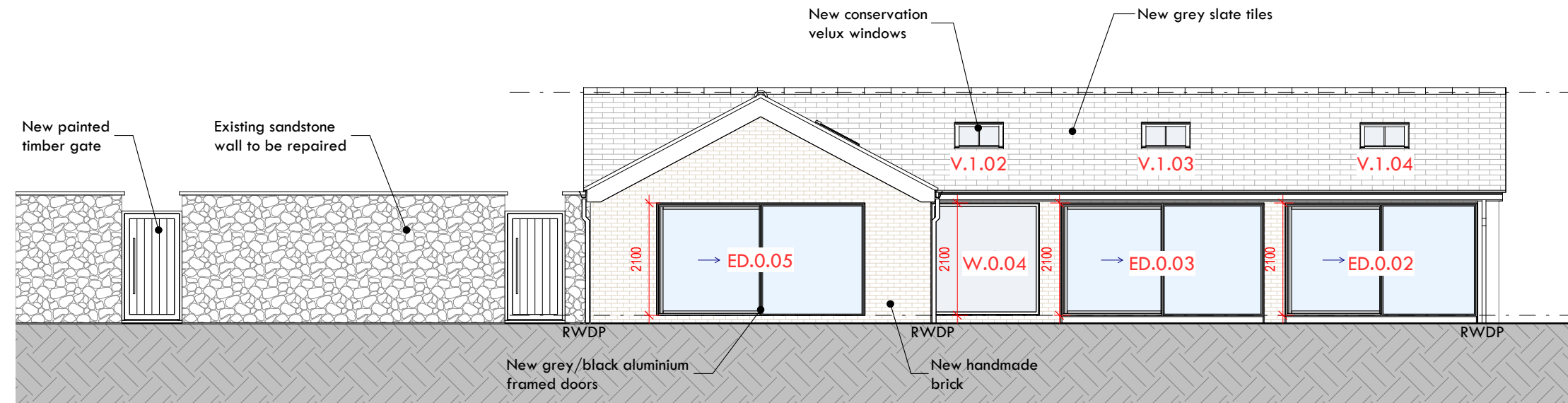
Ff1 Ground Bearing Slab [U-value 0.22 W/m².K]

Floor finish
65mm mortar screed
150mm concrete slab
Separation layer
120mm Jablite Jablofloor 70
Visqueen EcoMembrane DPM, or similar approved
Hardcore



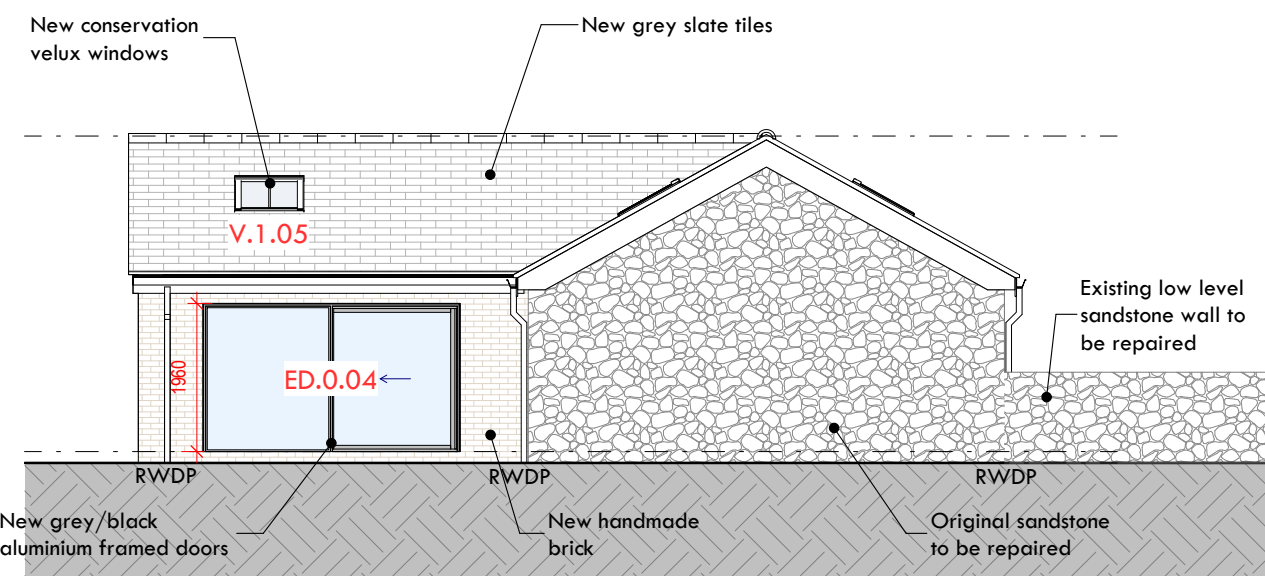
Proposed Front Elevation - North

1 : 100



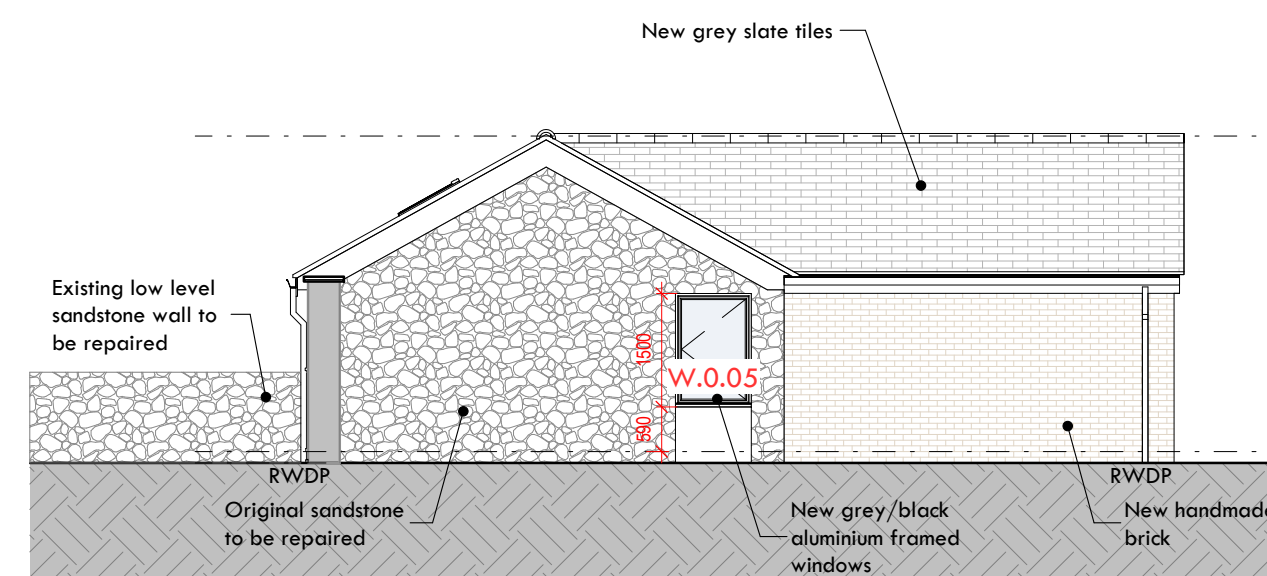
Proposed Rear Elevation - South

1 : 100



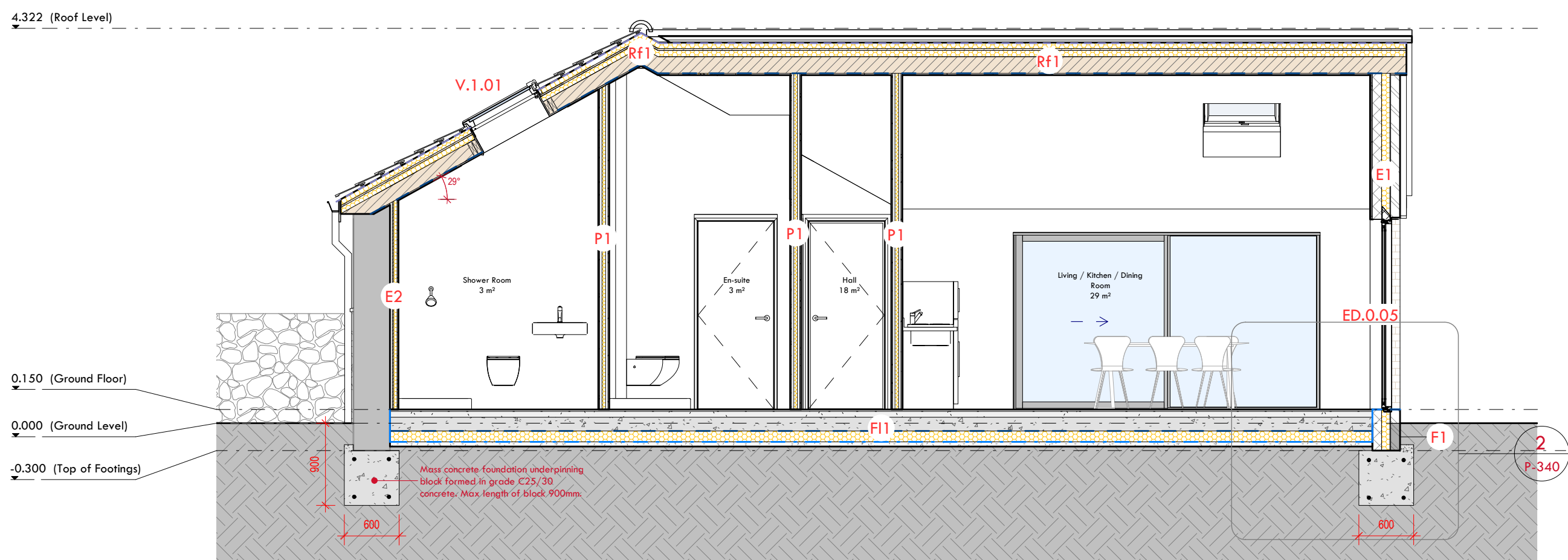
Proposed Side Elevation - East

1 : 100



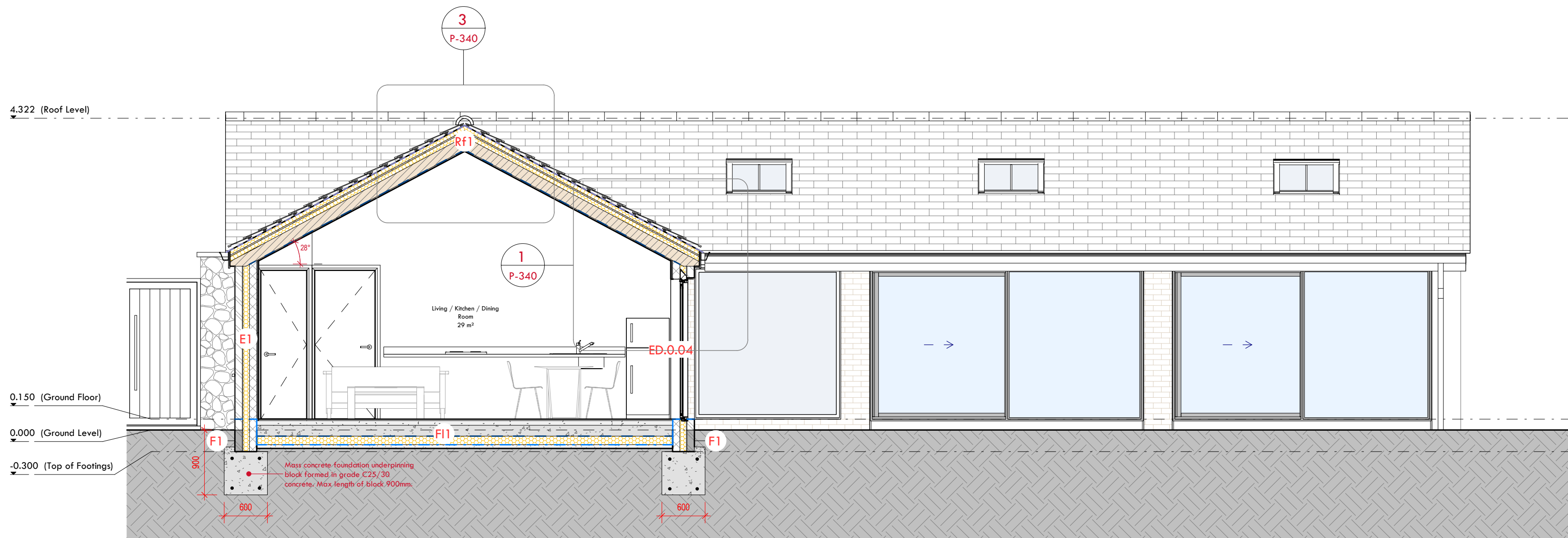
Proposed Side Elevation - West

1 : 100



Section 01

1 : 50



Section 02

1 : 50

0 5 m

0 1 m 5 m