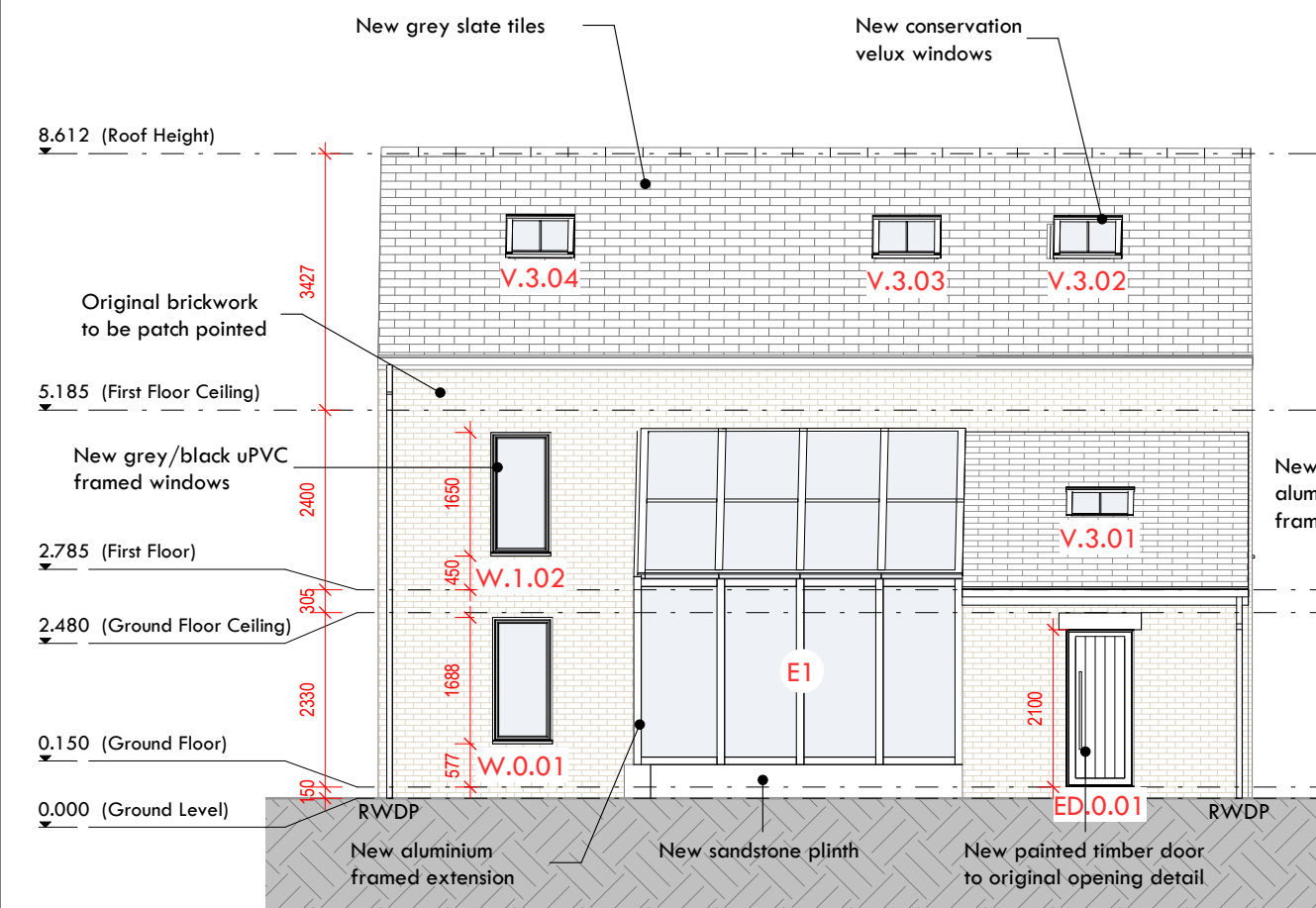


BUILDING REGULATIONS

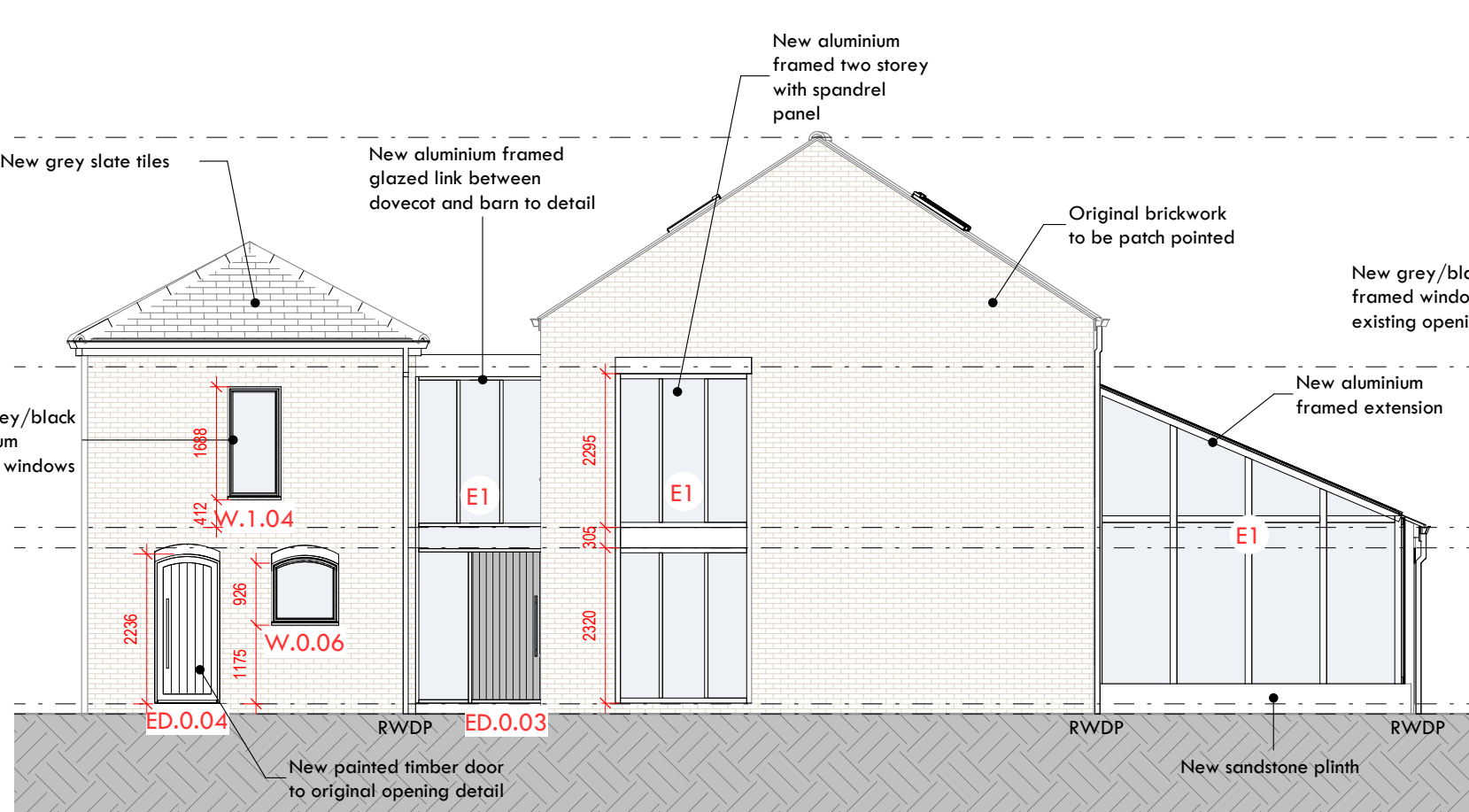
REV DESCRIPTION

BUIL. CLK. DATE



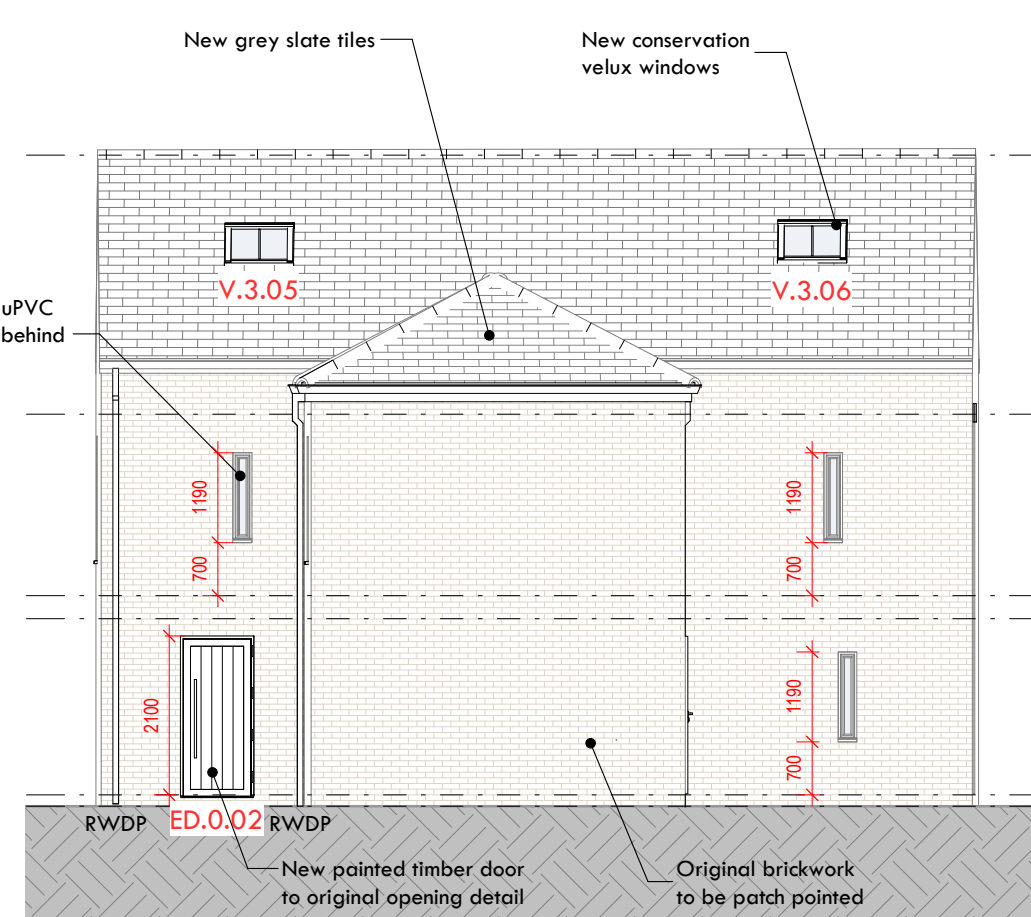
Building A Front Elevation - North

1 : 100



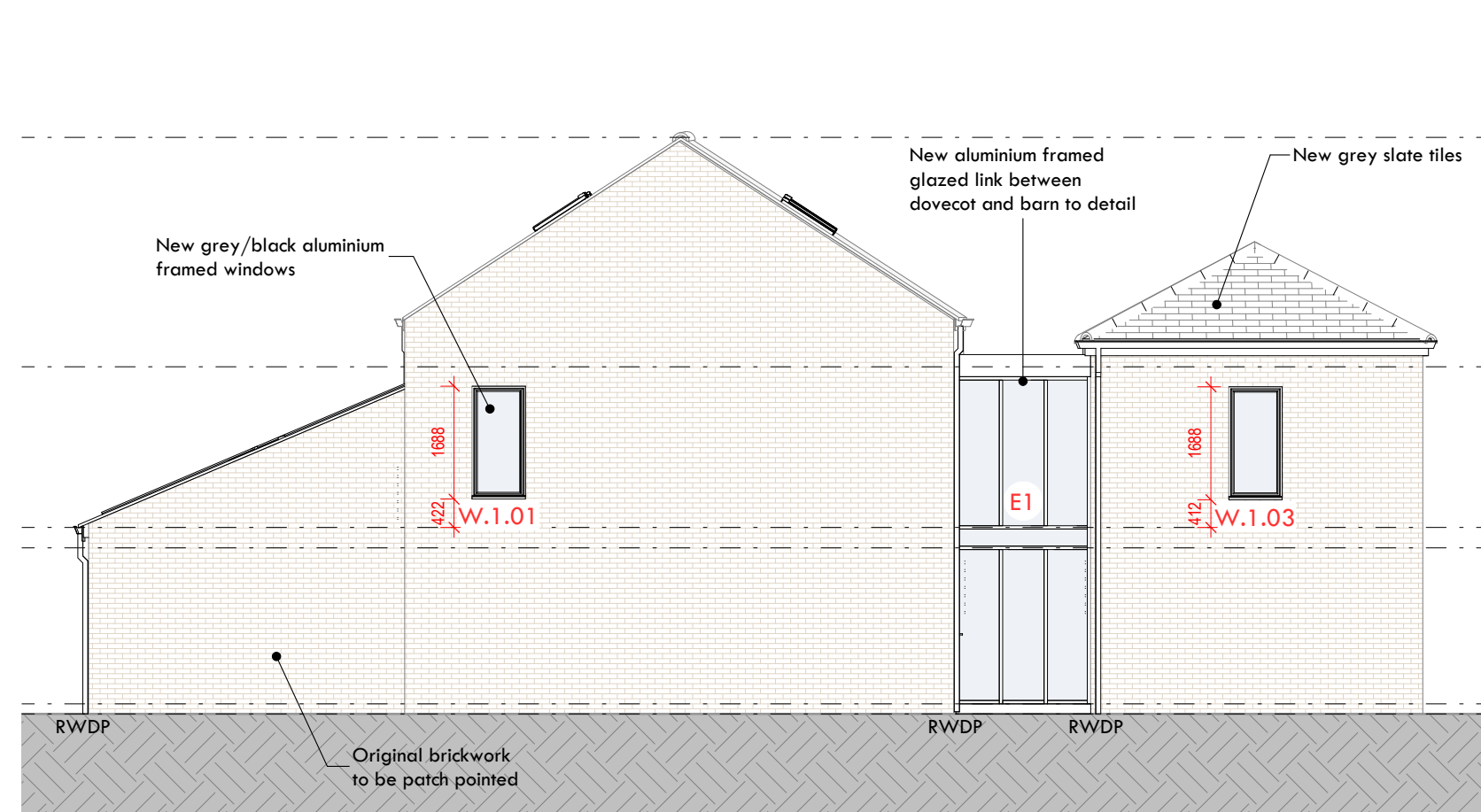
Building A Side Elevation - East

1 : 100



Building A Rear Elevation - South

1 : 100



Building A Side Elevation - West

1 : 100

ROOF TYPES

- R1 Flat roof - GRP [U-value: 0.18 W/m²K]**
- Fully bonded GRP waterproofing
 - 18mm Plywood/OSB
 - 120mm Kingspan Thermaarof TR26
 - Viaqueen Vapour Barrier, or similar approved
 - 18mm plywood deck
 - 50x150mm timber joists at 600mm centres to structural engineers detail.
 - 12.5mm Gyproc Wallboard, or similar approved
 - 3mm skim finish

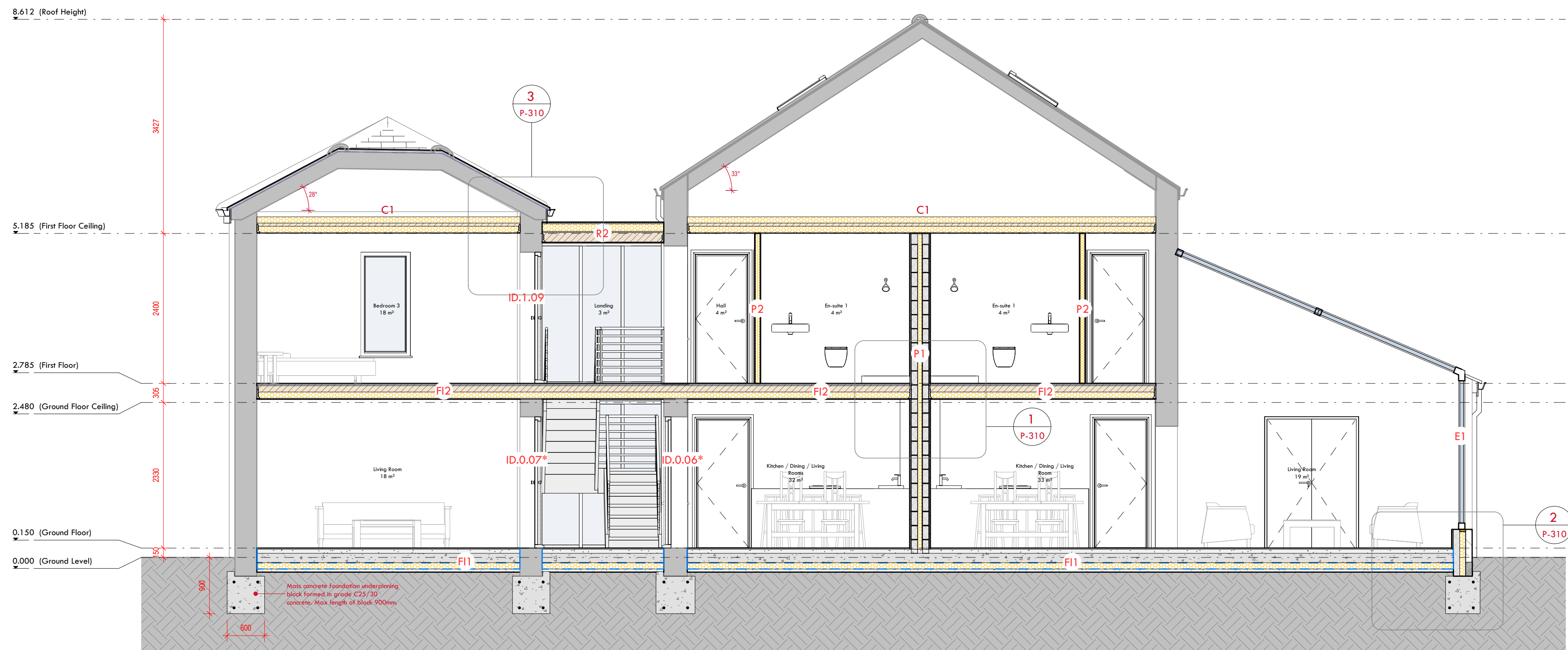
- C1 - Ceiling [U-value: 0.10 W/m²K]**
- 100mm Kingspan Insulation over joists.
 - 100mm Kingspan Insulation fully fitted between timber joists
 - 150 x 50 Timber joists at 600mm Centres
 - 12.5mm Gyproc Wallboard, or similar approved
 - 3mm skim finish

WALL TYPES

- E1 Curtain wall**
- Glazing
- E2 - Masonary Block and Stone cavity wall**
- 100mm Stonework
 - 100mm cavity filled with 90mm Kingspan Kooltherm K106 Cavity Board, or similar approved
 - 100mm Blockwork
 - 10mm Dat + Dab
 - 12.5mm Plasterboard
 - 3mm skim finish
- P1 - Timber party wall**
- 3mm skim finish
 - 12.5mm Plasterboard
 - 10mm Dat + Dab
 - 100mm Blockwork
 - Acoustic insulation between 80mm clear cavity from internal faces
 - 100mm Blockwork
 - 10mm Dat + 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 two layer of lower 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**
- 102.5mm Engineered brick
 - 100mm cavity filled with 90mm Kingspan Kooltherm K106 Cavity Board, or similar approved
 - 100mm Blockwork

FLOOR TYPES

- F11 Ground Bearing Slab [U-value 0.22 W/m².K]**
- Floor finish
 - 65mm mortar screed
 - 150mm concrete slab
 - Separation layer
 - 100mm Joblite Jafloor 70
 - Viaqueen EcoMembrane DPM, or similar approved
 - Hardcore
- F12 - Suspended timber floor [FD30 / RW15]**
- Floor finish & underlay TBC
 - 18mm ply
 - 100mm lower 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



Section 01

1 : 50

0 5 m

0 1 m 5 m