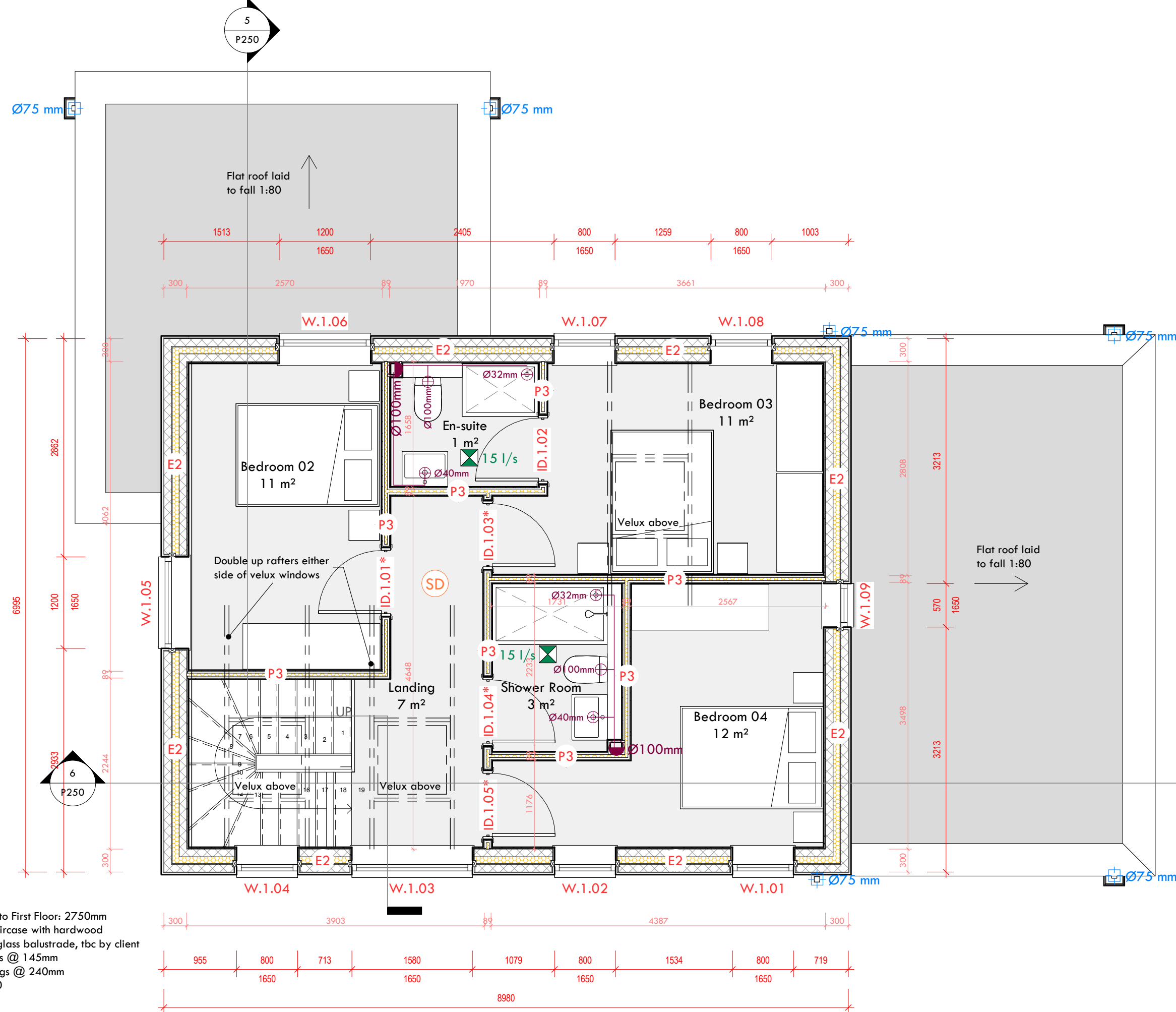


BUILDING REGULATIONS

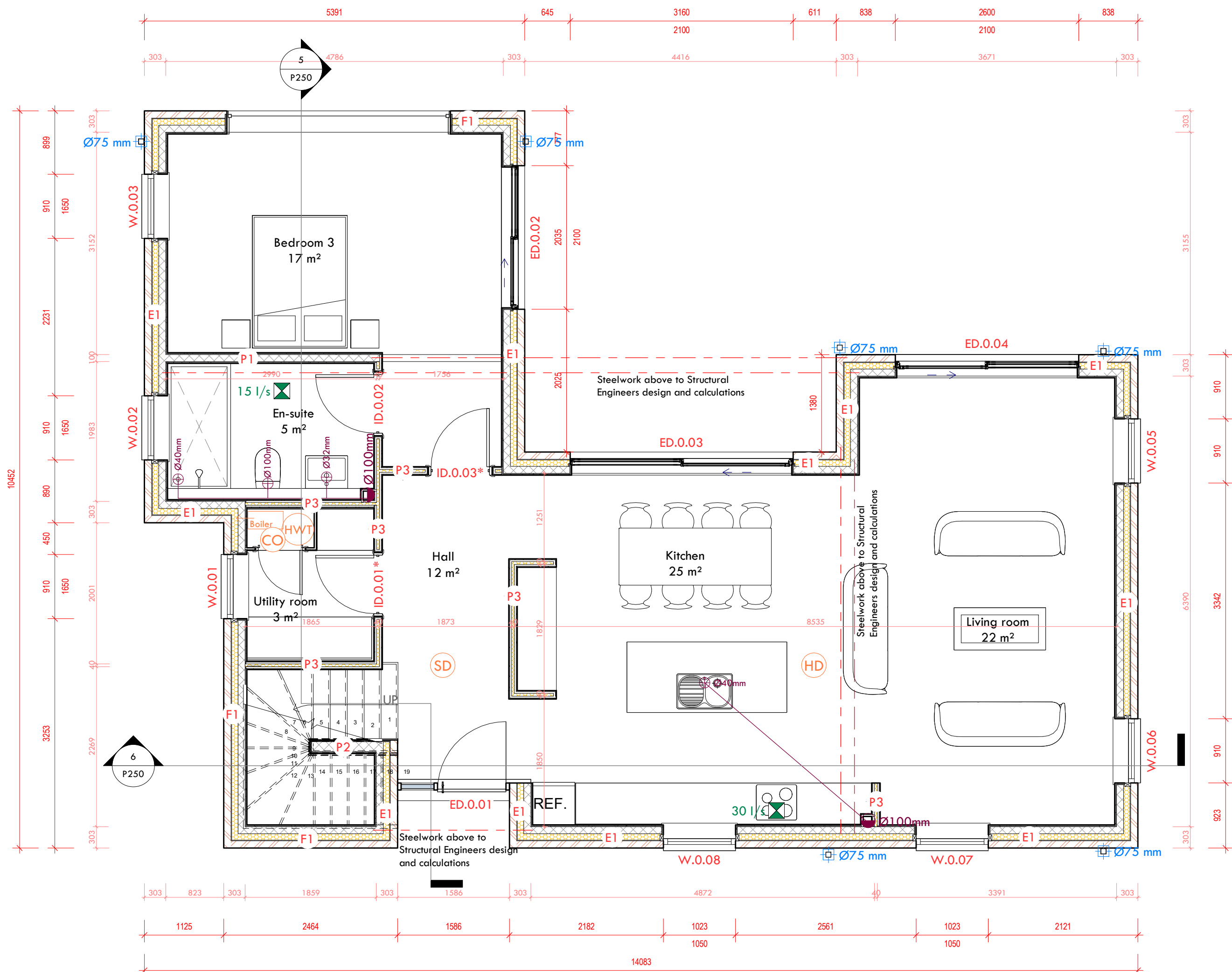
REV DESCRIPTION

BUIL. CLK. DATE



First Floor

1 : 50



Ground Floor

1 : 50

KEY

- ED.A.0.00 External door
- ID.A.0.00* Internal door. * indicates FD30 Fire door
- W.A.0.01 Window
- E0 Wall type. (E external, P partition, F foundation, Pr porch)
- F10 Floor type.
- Rf0 Roof type.
- General dimension
- Room internal dimension
- Extractor fan
- Mains inter-linked smoke detector
- Mains inter-linked heat detector
- Mains inter-linked carbon monoxide detector
- Electricity/gas meter
- Gas boiler (arrow indicates flue direction)
- Hot water tank
- ØHopper Rainwater hopper
- Ø75 mm RWP. Diameter as indicated
- 35° Roof fall direction and angle
- Ø110mm SVP. Diameter as indicated
- Ø40mm Appliance drain. Diameter as indicated

ROOF TYPES

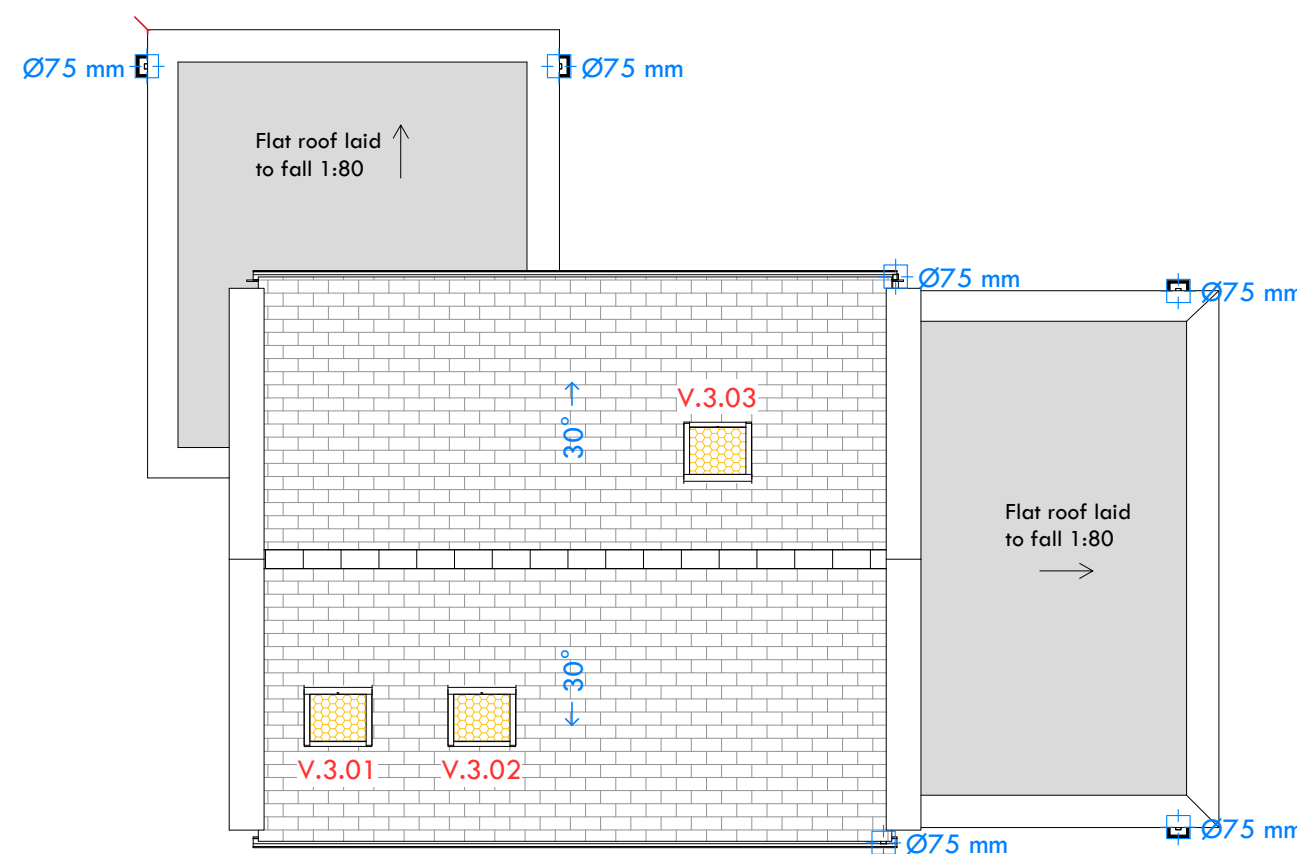
- Rf1 Pitched roof - Slate finish**
Fortlene SL8 Slate Effect
25x50mm softwood battens
Kingspan Nilvent breathable membrane, or similar approved
47x175mm timber rafters to Structural Engineers detail
- Rf2 Flat roof - GRP [U-value: 0.18 W/m²K]**
Fully bonded GRP
15mm marine ply
120mm Kingspan Thermaroof 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**
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 External Masonry 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 Blockwork
10mm Dot and Dab
12.5mm Plasterboard, or similar approved
3mm skim finish
- E2 External Stone clad wall [U-value: 0.17 W/m²K]**
Stone Cladding
10mm Substrate
100mm Blockwork
100mm Cavity filled with 90mm Kingspan Kooltherm K106 Cavity Board, or similar approved
100mm Blockwork
10mm Dot 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 Dot + dab
100mm Blockwork
10mm Dot + dab
12.5mm Plasterboard
3mm skim finish
- P1 - Timber party wall (E-WM-17)**
3mm skim finish
12.5mm Plasterboard
10mm Dot + dab
140mm Blockwork
10mm Dot + 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
- F1 - Foundation wall**
102.5mm Engineered brick
60mm Cavity filled with 50mm Insulation
100mm Blockwork

FLOOR TYPES

- F11 Ground Bearing Slab [U-value 0.22 W/m².K]**
Floor finish
65mm mortar screed
Separation layer
60mm Kingspan Kooltherm K103 Floorboard, or similar approved
150mm concrete slab
Visqueen EcoMembrane DPM, or similar approved
Hardcore
- F12 - Suspended timber floor [FD30 / RW15]**
Floor finish & underlay TBC
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



Roof Plan

1 : 100

GIA:

Unit 6

Ground Floor -	89.2m² 960.2H²
First Floor -	55.1m² 593.1H²
Total -	144.3m² 1553.2H²

