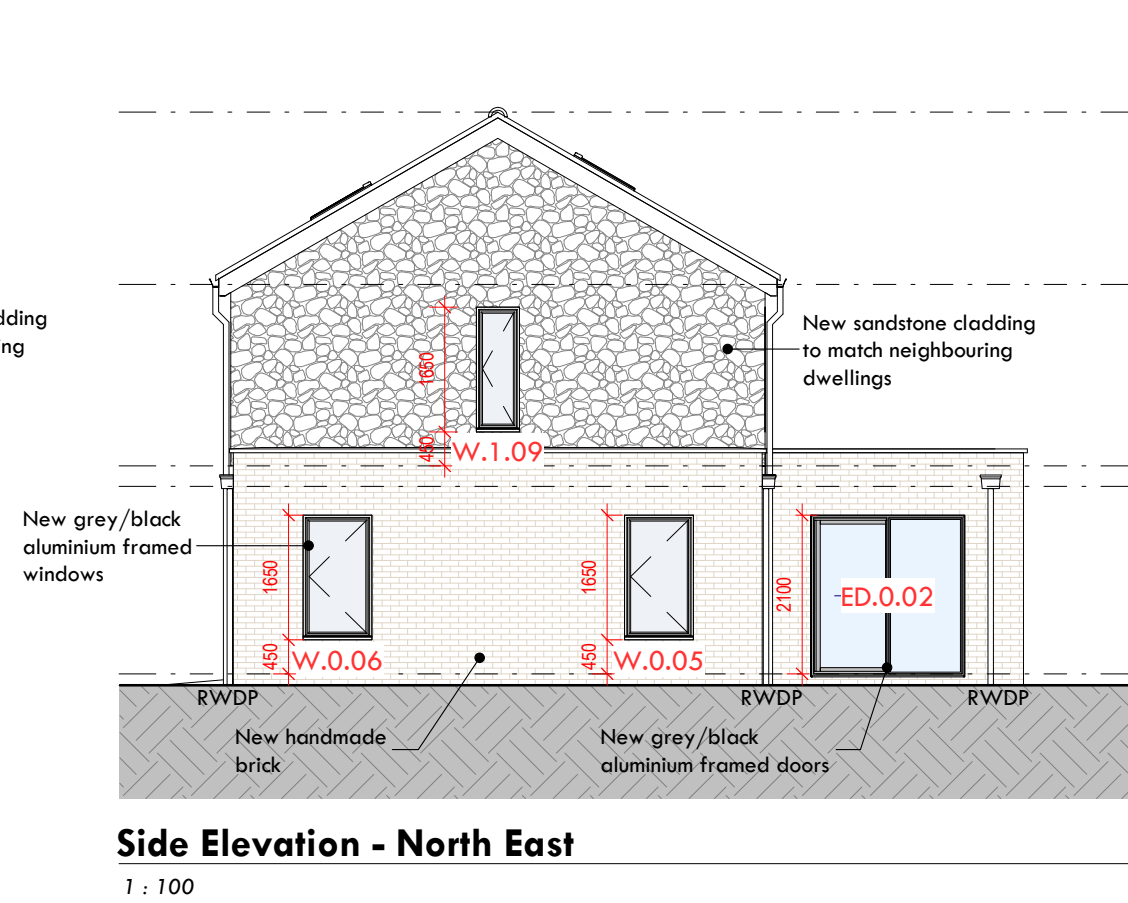
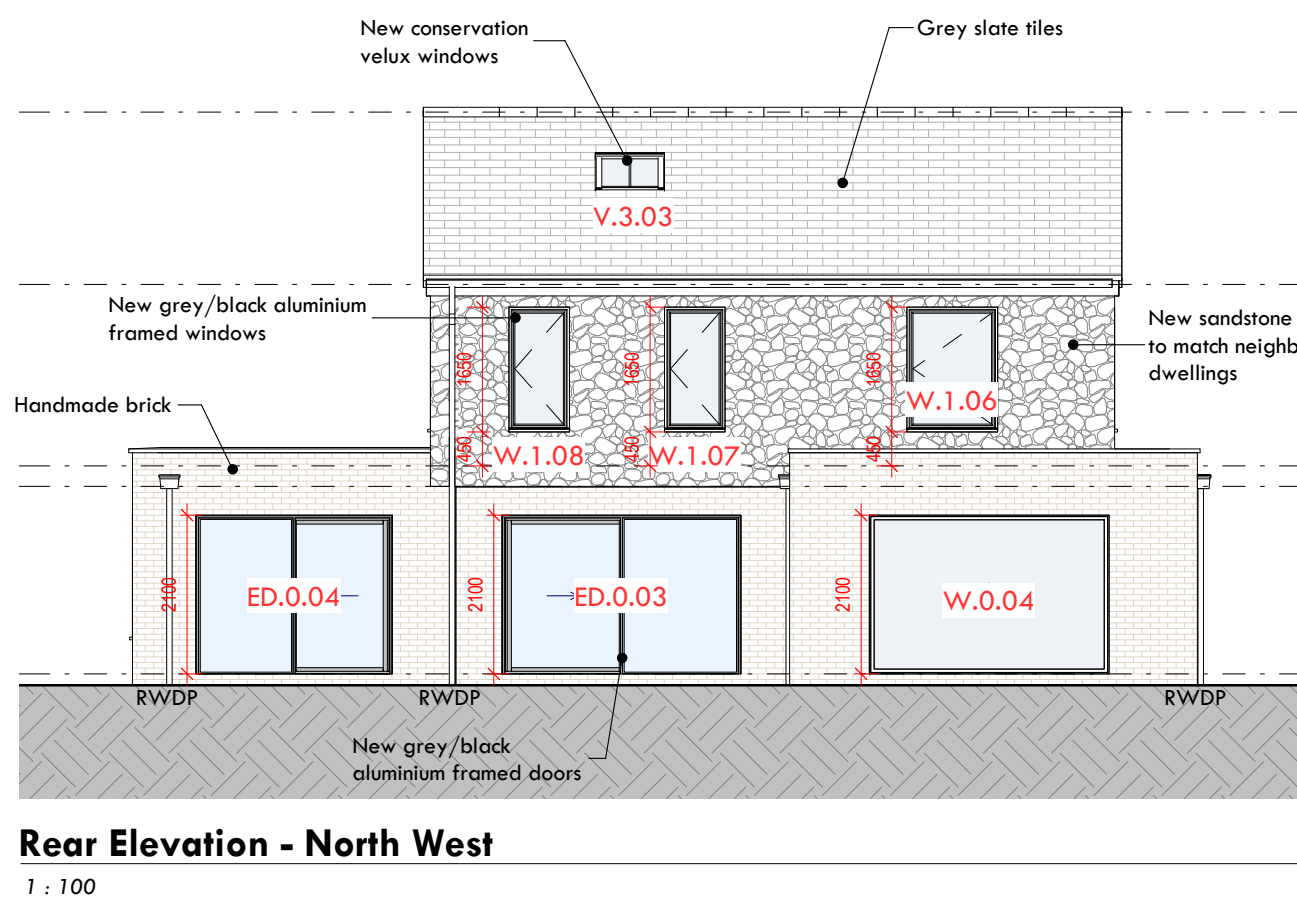
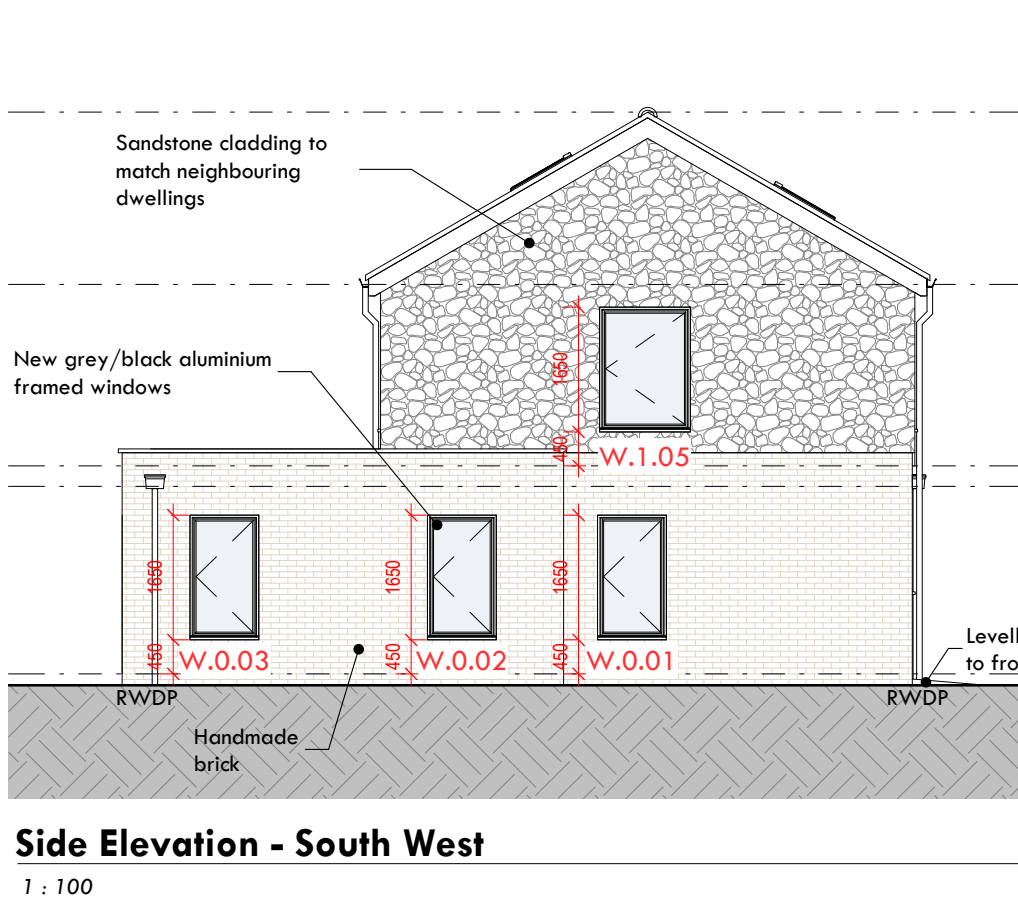
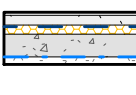
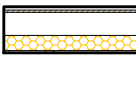




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|---|---|
|  | Rf1 Pitched roof - Slate finish
Forticrete SLS Slate Effect
25x50mm softwood battens
Kingspan Nlivernt breathable membrane, or similar approved
47x175mm timber rafters to Structural Engineers detail |
|  | Rf2 Flat roof - GRP [U-value: 0.18 W/m²K]
Fully bonded GRP
15mm marine ply
1200mm Kingspan Thermafof TR27 PIR board, or similar approved
Viqueen 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 |
|  | E1 External Masonry wall (red brick finish) [U-value: 0.17 W/m²K]
102.5mm Wienerberger Heritage Blend masonry wall
100mm cavity filled with 100mm Kingspan Kooltherm K106 Cavity Board, or similar approved
Kingspan Nlivernt breathable membrane, or similar approved
100mm Alucorec block
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 Blackwork
100mm Cavity filled with 100mm Kingspan Kooltherm K106 Cavity Board, or similar approved
100mm Alucorec block
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 Blackwork
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
100mm Blackwork
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
38/89mm timber studs to RAL specification with 1 no layer of 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 Rockwool 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 Blackwork |

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- F11 - Ground Bearing Slab [U-value 0.12 W/m².K]**
- Floor finish
 - 65mm mortar screed
 - Separation layer
 - 120mm Kingspan K10therm K13 Floorboard (0.018 thermal conductivity), 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 Centers
 - 15mm Gyproc Wallboard, or similar approved, fixed to the underside of the joists.
 - 3mm skin finish
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- F13 - Exposed timber floor over porch [FD30 / RW15]**
- Floor finish & underlay TBC
 - 18mm ply
 - 12mm Sylomer TSS resilient strips
 - 105mm joist sleepers
 - 47x255mm C4 Joists @ 400 Centers
 - 150mm Kingspan EcoSlab between joists, or similar approved
 - 15mm Gyproc Wallboard, or similar approved, fixed to the underside of the joists
 - 3mm skin finish

