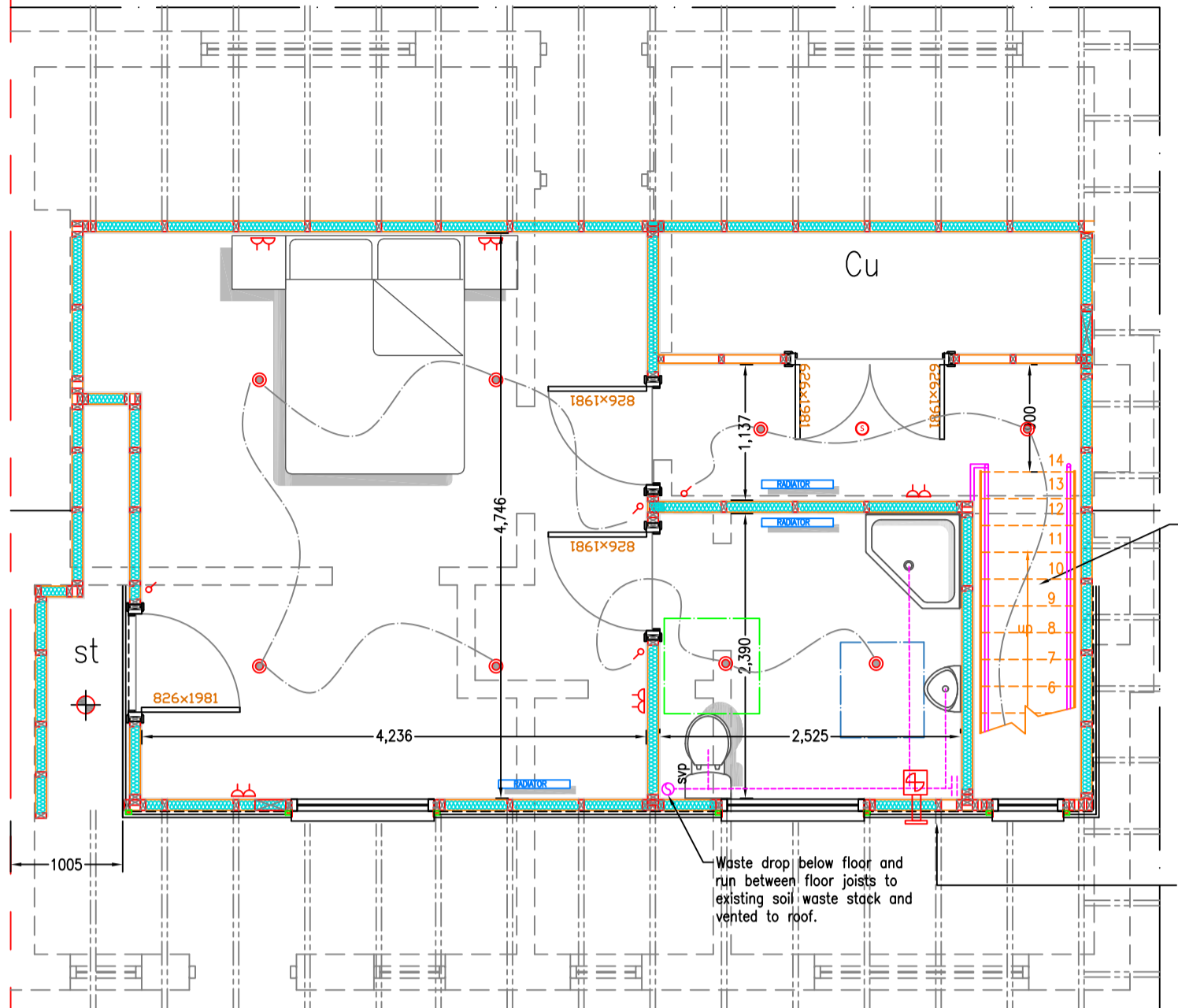


Ground Floor Plan
1:50

Stair:
New 'Private' stair to be a 800mm wide timber staircase from ground to attic floor level.
The stair will comprise 14 number treads between floors at:
Rise: 199mm,
Going: 225mm,
pitch 42°.
Stair to have a min. 2000mm head room at all points above pitch line. Stair balustrade to be 900mm high above the pitch line and @ 100mm centres, extending 300mm beyond the bottom and top risers.

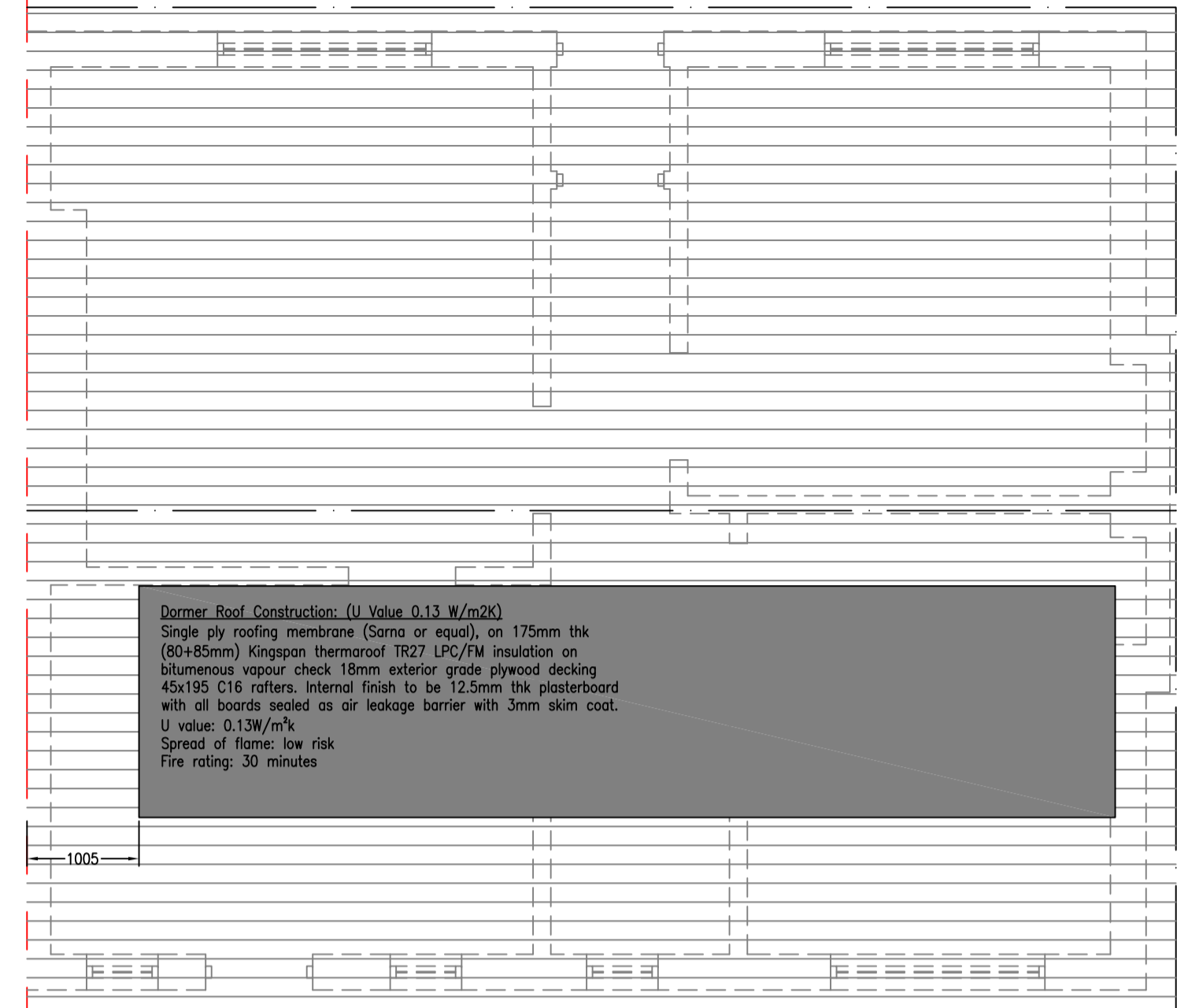


Attic Floor Plan
1:50

Stair:
New 'Private' stair to be a 800mm wide timber staircase from ground to attic floor level.
The stair will comprise 14 number treads between floors at:
Rise: 199mm,
Going: 225mm,
pitch 42°.
Stair to have a min. 2000mm head room at all points above pitch line. Stair balustrade to be 900mm high above the pitch line and @ 100mm centres, extending 300mm beyond the bottom and top risers.

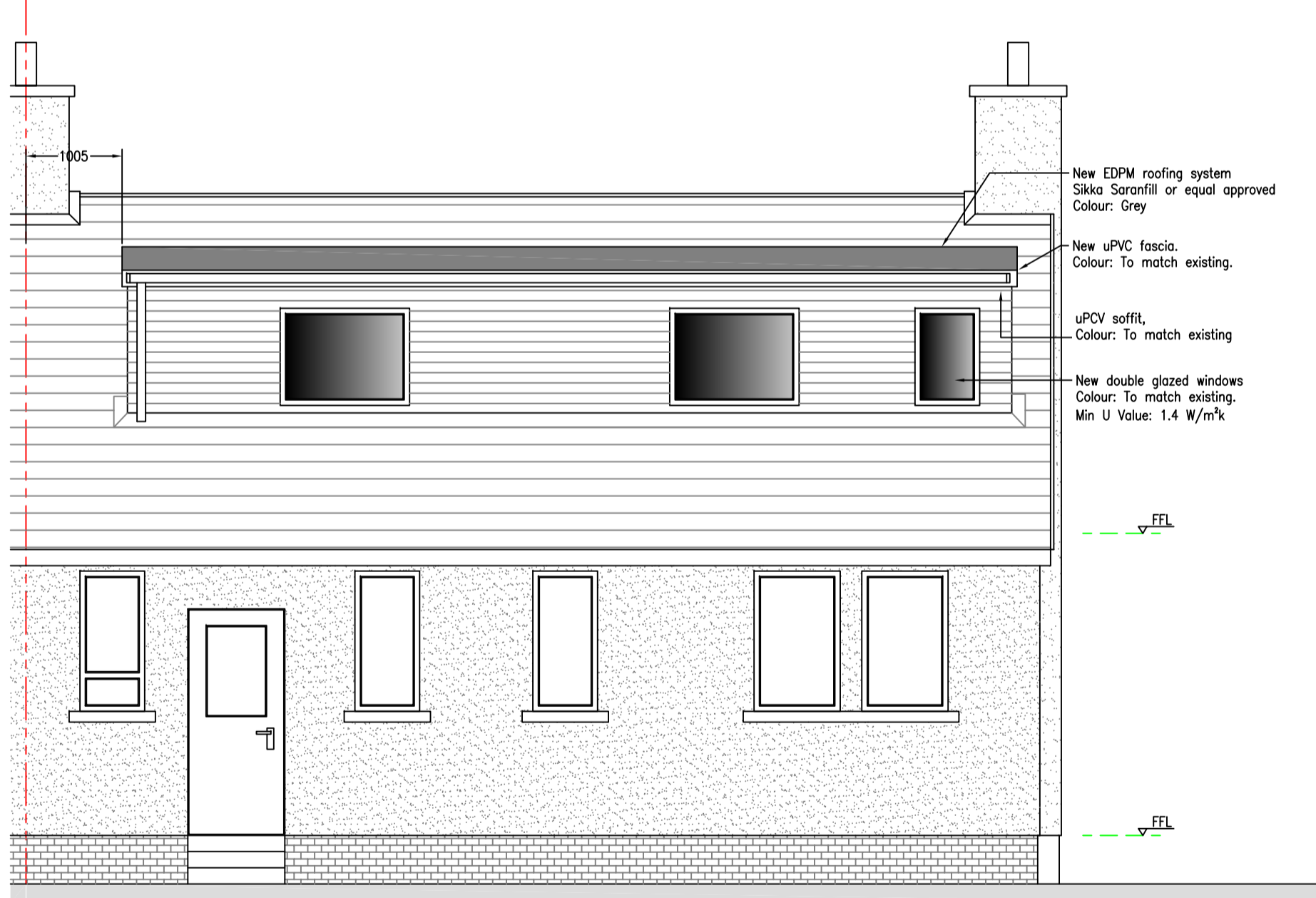
Waste drop below floor and run between floor joists to existing soil waste stack and vented to roof.

Dormer wall Construction: (U Value 0.17 W/m²K)
Horizontal timber cladding on 50mm battens on 50mm counter battens, 50mm cavity with 1 layer breather membrane 9mm plywood sheeling, 140x45 C16 timber frame @ 600mm c/s with 140mm Celotex XPS4000 between studs, 1000 gauge vapor control layer and 9mm plywood sheeling to inside face, 1 layer 37.5mm thick Celotex FL4025 insulated plasterboard to inside face with board joints sealed with skim coat as V.L.
U value: 0.17 W/m²K
Spread of flame: low risk
Fire rating: 30 minutes



Roof Plan
1:50

Dormer Roof Construction: (U Value 0.13 W/m²K)
Single ply roofing membrane (Sarna or equal), on 175mm thick (80x85mm) Kingspan thermaroof TR27 LFC/FM insulation on bituminous vapour check 18mm exterior grade plywood decking 45x155 C16 rafters. Internal finish to be 12.5mm thick plasterboard with all boards sealed as air leakage barrier with 3mm skim coat.
U value: 0.13W/m²K
Spread of flame: low risk
Fire rating: 30 minutes



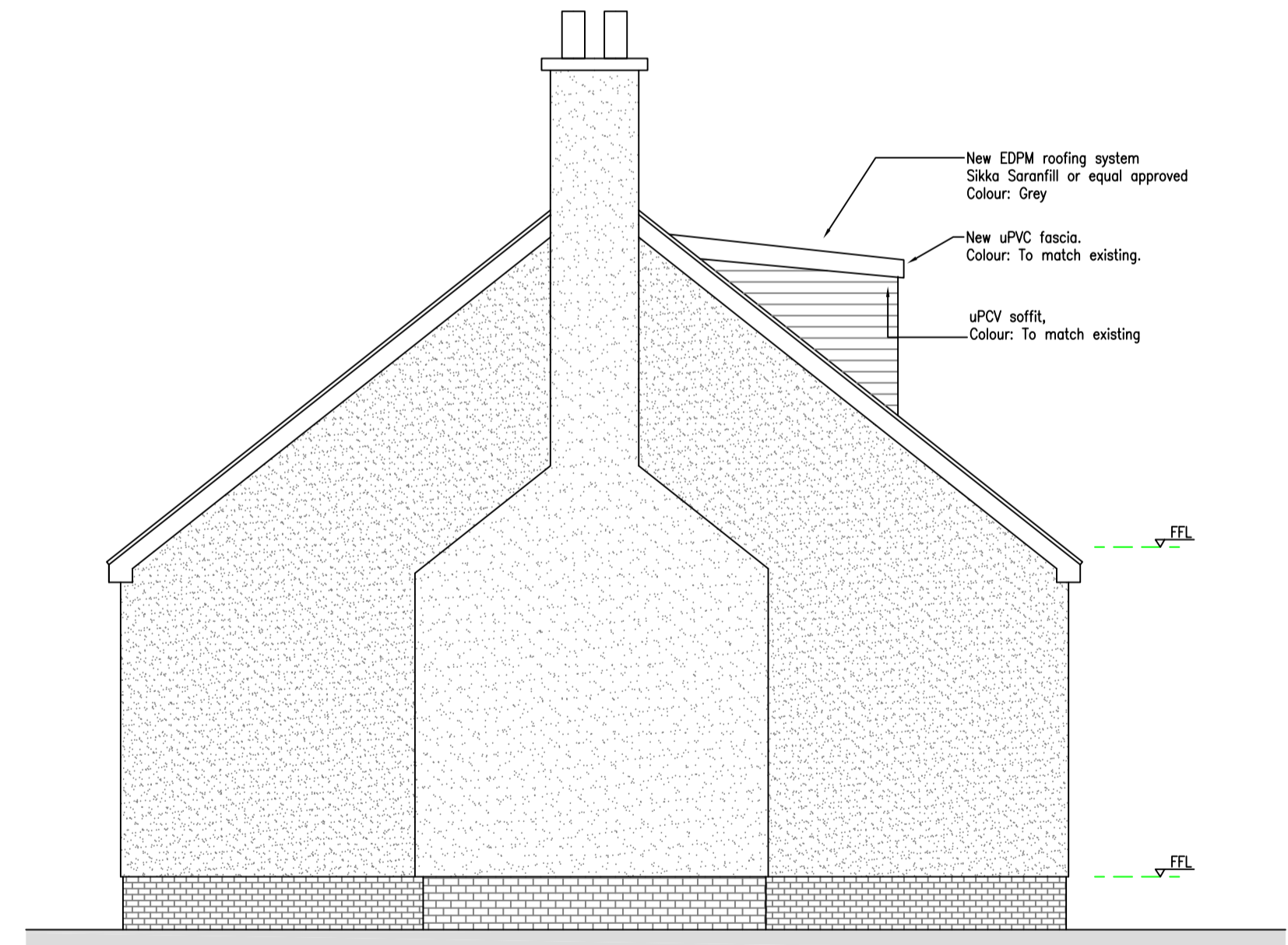
Rear (South) Elevation
1:50

New EDPM roofing system
Sikka Saranfill or equal approved
Colour: Grey

New uPVC fascia.
Colour: To match existing.

uPVC soffit.
Colour: To match existing.

New double glazed windows
Colour: To match existing.
Min U Value: 1.4 W/m²K

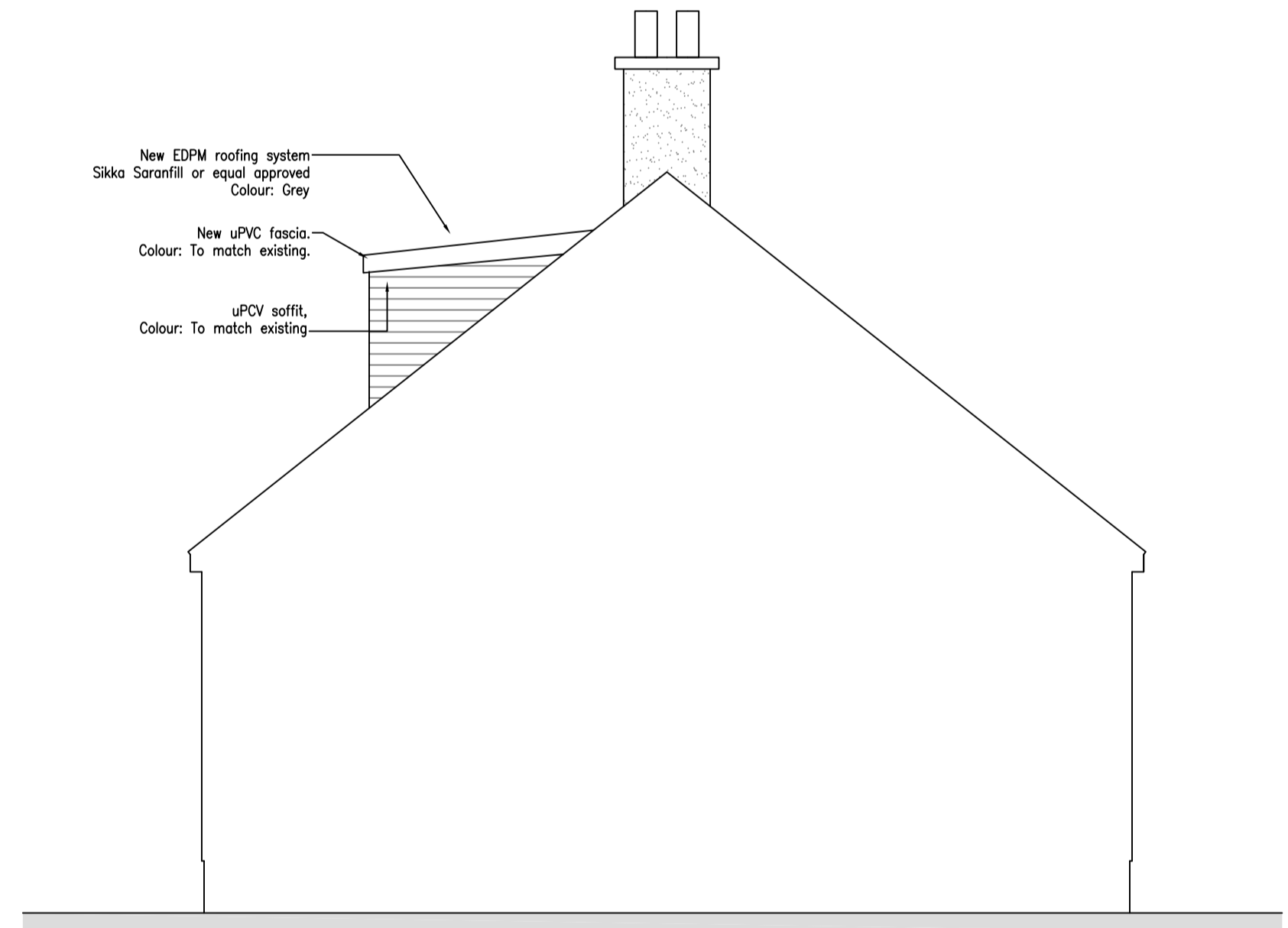


Side (East) Elevation
1:50

New EDPM roofing system
Sikka Saranfill or equal approved
Colour: Grey

New uPVC fascia.
Colour: To match existing.

uPVC soffit.
Colour: To match existing.



Side (West) Elevation
1:50

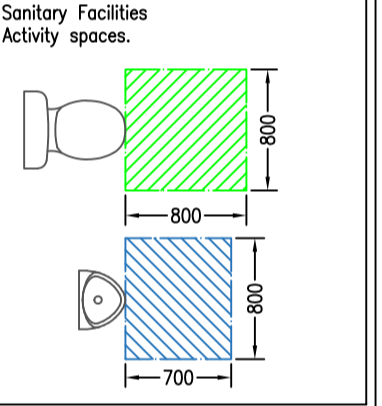
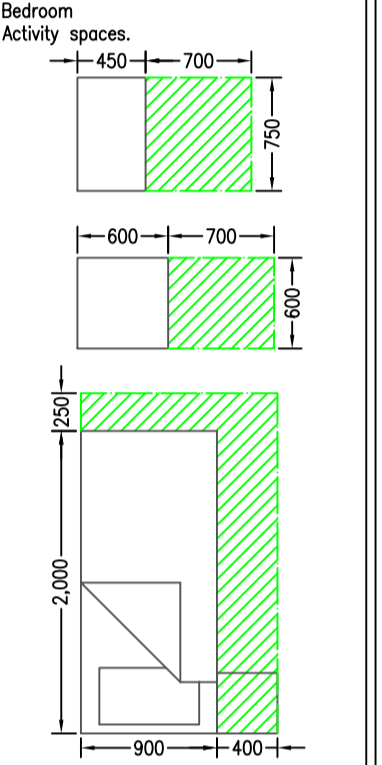
New EDPM roofing system
Sikka Saranfill or equal approved
Colour: Grey

New uPVC fascia.
Colour: To match existing.

uPVC soffit.
Colour: To match existing.

- GENERAL NOTES:
- This drawing is to be read in conjunction with all relevant engineering drawings and specifications.
 - All dimensions are in millimetres unless stated otherwise.
 - The contractor is to verify all dimensions on site and is responsible for the accurate setting-out.
 - Do not scale from this drawing. All sizes scaled from this drawing will be approximate and should be checked on site by the user. If in doubt ask.

- ELECTRICAL KEY
- Light switch
 - Full chord switch
 - Double socket outlet
 - Smoke detector
 - Heat detector
 - Carbon monoxide detector
 - Spur point
 - Ceiling mounted light fitting
 - Recessed Downlighter
 - Electrical switch board
 - TV aerial point
 - Telephone socket
 - Wall light fitting
 - Shower Isolator Switch
 - Extract fan
 - New Radiator



OSD Design Solutions Ltd
International House
Suite 1/2
Stanley Boulevard
Hamilton International Technology Park
Hamilton
G72 8NK
Tel: 01238 404840
Email: osd@osddesign.co.uk

Project Name: Installation of rear dormer, 13 Whittagreen Ave, Motherwell.

Proposed Alterations.

214 02 1:50 Feb 22