



Construct new infill to side of new front door to match in with the existing structure.

New internal double skin separating partitions between flats and within corridors. 240mm between inner faces of wall linings. studs to be 100 x 50mm stress graded timbers with minimum 50mm gap between studs, which should not be bridged by any diagonal bracing. Provide noggins to each set of studs. Infill with mineral wool bats, density 10-60kg/m3. Provide to both sides of the partition one layer of 15mm Gyproc SoundBloc 12.6kg/m3 and one layer of 12.5mm Gyproc Wallboard 10kg/m2.

Wall lining consisting of: 15 mm Gyproc SoundBloc and 12.5mm Habito Board, gyplyner frame and 50mm insulation

External walls to be internally lined with 50 x 50mm battens with 50mm thick mineral wool bats. 15mm plasterboard with 3mm skim finish. Cut around existing windows with insulated plasterboard returns.

Wall lining consisting of: 15 mm Gyproc SoundBloc and 12.5mm Habito Board, gyplyner frame and 50mm insulation

New internal single skin partitions within flats. Studs to be 100 x 50mm stress graded timbers, provide noggins. Infill with mineral wool bats, density 10-60kg/m3. Provide to either side of the partition one layer of 12.5mm Gyproc Wallboard 10kg/m2. Within bathroom areas ensure a 12.5mm Gyproc Moisture Resistant plasterboard is used instead of Gyproc Wallboard

Existing Windows to be replaced as referred to in Tender Specification.

External walls to be internally lined with 50 x 50mm battens with 50mm thick mineral wool bats. 15mm plasterboard with 3mm skim finish. Cut around existing windows with insulated plasterboard returns.

**Ground floor:**  
- Above existing concrete floor lay 43mm Styrofloor (18mm tongued and grooved flooring bonded to 25mm styrofoam to manufacturer's instructions).

**Compartment floors:**  
British Gypsum detail - C204003 (EN)

System to be installed fully in accordance with manufacturer's instructions and including the following:

- Existing timber decking board to be carefully taken up and retain existing timber joists.

- Gypframe RB1 Resilient Bars fixed at 450mm centres lined with an inner layer of Gyproc Plank 19mm and an outer layer of Gyproc FireLine 12.5mm with 100mm Isover Spacesaver Ready-Cut in the cavity.

- Install Gyproc Plank 19mm on Gypframe SIF Floor Channel on the existing timber joists.

- Reinstatement existing timber decking boards.

- Provide new floating floor system consisting of 21mm T&G wood flooring on timber battens to level up existing floor

**Compartment walls:**

- NBS K10/35. Add wall lining consisting on GypLynner Universal. Cavity filled with 50mm Isover CWS 36, 15mm Gyproc SoundBloc and 12.5 Habito board.

- NBS P12/18. Fill in between existing timber studs with Rockwool Flexi insulation.

- NBS K10/59. Around the internal doors to the internal party walls, install 2 layers of FireLine Board over the studs and fill the cavity with Rockwool Flexi.

Compartment walls at Roof level. Compartment walls to extend up through the roof void to the underside of the roof covering and fire stopped using Rockwool Fire Barrier System in accordance with manufacturer's recommendations and to NBS P12/15.

**Junctions of compartment walls and floors, compartment floors and external walls, compartment walls and internal walls and to eaves junctions with compartment walls.** To be fire stopped with Rockwool flexi insulation and to NBS P12/18.

**Cavity Closers:**

Where possible, cavity closers of minimum 30 minutes fire protection around all door and window openings. Once existing windows are removed, install PFC Corofil Cavity Barrier around windows. To NBS F30/18.

**Existing walls where lining has been removed:**

Generally, internal walls where lining is required to be cavity filled with 50mm mineral insulation Isover CWS 36, 15mm Gyproc SoundBloc and 12.5 Habito board.

Status:  
**PLANNING**



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Client:  
Harlow Council

Project:  
Conversion of  
45 Sumners Farm Close  
Harlow  
CM19 5SL

Title:  
Proposed  
Ground Floor Plan

Scale @A1: Date: Drawn: Checked:  
1:50 26/01/2022

Drawing no.: Revision:  
BA / P23617-3200 /

Proposed Ground Floor Plan  
Scale 1:50

