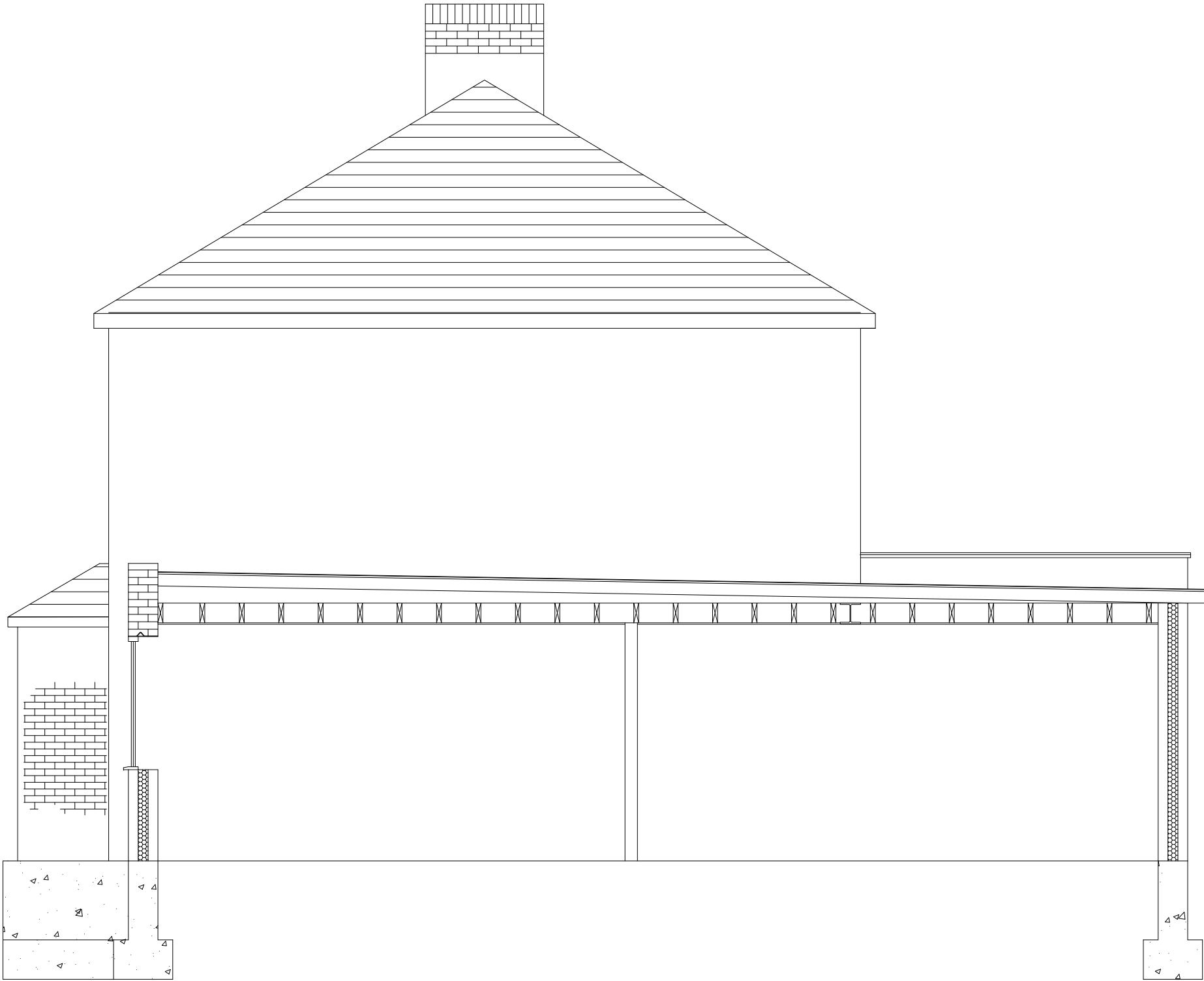




SECTION AA

Pardis Design & Construction

22 Oakfield Gdns, Greenford Middlesex UB6 8SD
Tel: 07956990081 email: pardis@aol.com

Address: 3 MALVERN ROAD UB3 5JA

Drawing: EXISTING GROUND FLOOR

Date: 18/07/2019

Scale: 1:50 A3

JOB No. 32-19

Drawing No.
MAL - SEC

Rev.c



Notes:

Foundation:

600 mm wide strip footing to a depth of 1500mm to be filled with C50 Sulphate Resistant Concrete.

DPC:

Class B bricks or Concrete Blocks up to DPC to be filled with a weak Conc. mix up to 250mm below DPC..

Walls:

Matching bricks outer leaf and Thermalite blocks inner leaf with a 100mm cavity to be filled with ROCK WOOL.

Partitions:

50x100 M16 STT for all internal partitions. Fill cavity with 100mm accoustic mineral wool.Affix 12mm fireline plasterboard on both sides and plaster.

Floor Insulation: 80mm (FF3000) between joists Solid floor 100mm (FF3000) under screed

Doors:

FD30 to all doors except bath/shower room. Fire resistant door stop glued and screwed to frame and intumescent strips affixed to door or frame. Doors to be undercut by 10mm or equivalent of (10xwidth mm2).

Ceilings:

Affix a 12.5mm Fireline plasterboard to new ceiling and another layer to existing on the ground floor and skim.

Ventilation:

All means of ventilation to comply with approved document F1(2006). All habitable rooms to be provided with 8000mm2 of background ventilation and 4000mm2 for non habitable rooms.Kitchen, Utility room to have mechanical extractor .Kitchen extraction of 30L/s in cooker hood or 60L/s elsewhere .Utility 30L/s. French doors to have a permanent vent to the head with a min. area of 10000 mm2 are. Provide 1500mm2 area of vent per meter run of wall to suspended floor in two opposing external walls.

Fire protection:

Cover all exposed sides of steel structure with two layers of Fireline plasterboard and skim.

Drainage:

Guttering: ½ round PVC guttering. 68mm round PVC down pipe.

Waste Pipes to BS 5255.

All Wastes to be fitted with 75mm deep sealed trap (BS3943: 1875) and connected to SV separately where appropriate. 40mm waste to sink/s, 50mm waste to all outlets where run exceeds 2300mm

Underground Pipe work:

All underground pipes to be inspected and tested. New underground pipes 100mm UPVC(UG) to be laid with a min. gradient of 1:40 and bedded in a min. of 100mm pea shingles. Where any pipe passes under a wall adequate lintel to be placed above it to provide a min. of 50mm void around the pipe to be filled with a compressible mastic.

Manholes:

All existing manholes to be checked for integrity and free flow.

Surface water :

Down pipes to discharge in to new gulley/s to flow in to a soak away.

Heating:

Condensing Gas boiler to be installed by a competent CORGI registered , commissioned and certificate obtained.

Windows :

Matching UPVC double glazed window to be installed by a FENSA registered installer.

Solid Floors:

65mm Screed over 100mm Celotex over 100mm Conc. slab over Gauge 1200 DPM over 50mm soft sand over 150mm hard core.