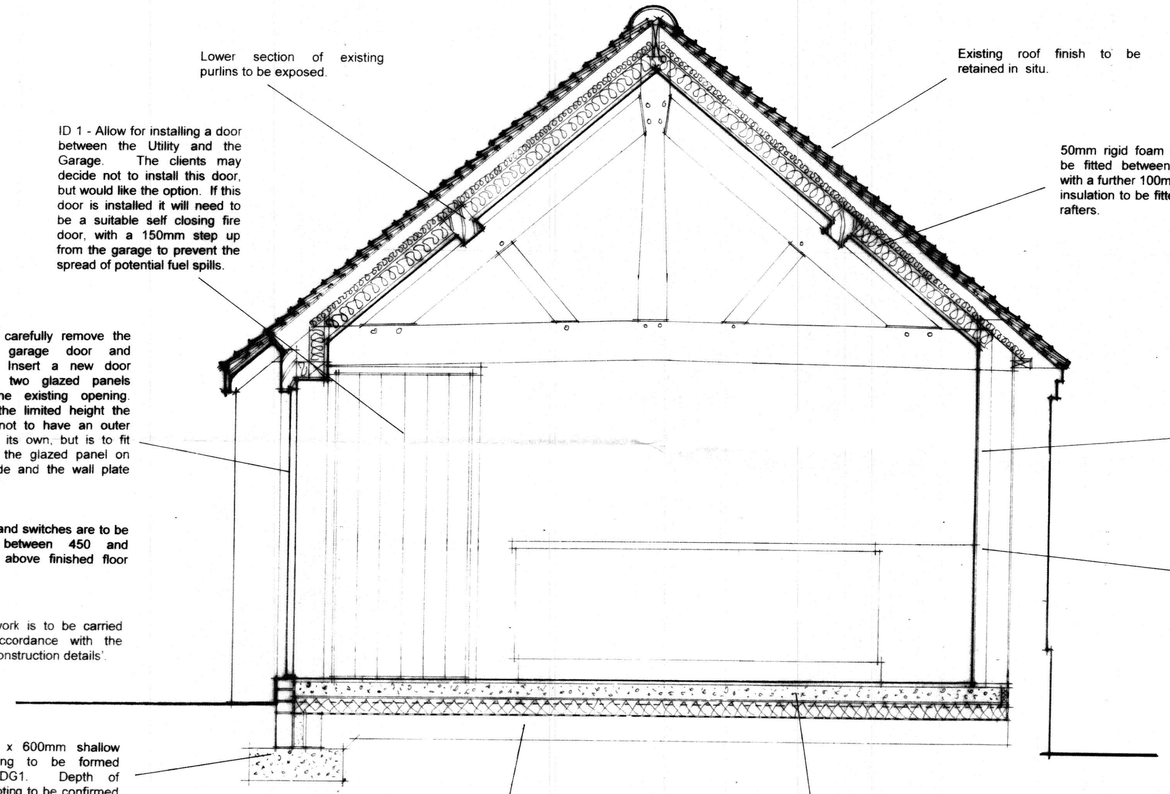
TONY ROWLAND ARCHITECTURAL SERVICES

SCALE 1:20



Lower section of existing purlins to be exposed.

Existing roof finish to be retained in situ.

ID 1 - Allow for installing a door between the Utility and the Garage. The clients may decide not to install this door, but would like the option. If this door is installed it will need to be a suitable self closing fire door, with a 150mm step up from the garage to prevent the spread of potential fuel spills.

50mm rigid foam insulation to be fitted between the rafters with a further 100mm rigid foam insulation to be fitted below the rafters.

DG 1 - carefully remove the existing garage door and frame. Insert a new door between two glazed panels within the existing opening. Due to the limited height the door is not to have an outer frame of its own, but is to fit between the glazed panel on either side and the wall plate above.

The rear wall has already been dry lined, but it is assumed that the builder would probably remove this and replace it with new studwork and insulation to allow for the works to the floor to be undertaken.

Sockets and switches are to be located between 450 and 1200mm above finished floor level.

Any new dry lined would need to consist of treated softwood studs set at 600mm intervals. DPC to be lapped with the dpc within the floor slab. Rigid foam insulation to be packed between the studs, and 12mm plasterboard and skim finish to the internal face. A void of at least 50mm is to be left between the wall and the dry lining as requested by building control.

All new work is to be carried out in accordance with the 'Robust Construction details'.

New 200 x 600mm shallow strip footing to be formed beneath DG1. Depth of shallow footing to be confirmed with building control.

The existing concrete floor within the right hand side Garage which is to be converted into a Utility is to be broken up.

A new floor structure is to be constructed which should consist of a new floor finish to the clients approval above 100mm concrete slab above 90mm rigid foam insulation above a suitable dpm (or radon barrier if required) above 150mm sand blinded hardcore.

PROPOSED SECTION A

REVISION A-6th september 2022

No.1 FRODESLEY HOUSE FARM BARNS.

DXVIII+6