



B14407

BARCROFT

STRUCTURAL DESIGN SYNOPSIS

The works involve a substantial three storey extension to the side of the existing property with feature glazed end. The extension to be designed to be a stand alone building but tied in to each of the existing floors and roof.

STRUCTURE : The structure to the extension to be of a steel frame. The frame to the end to be set out to facilitate the support to the glazing.

FLOORS : Beam and block concrete floors to the ground and first floors.

ROOF : A duo pitched tiled roof to match the existing.

FOUNDATIONS : To be of mass concrete pads and strip.

LOWER GROUND FLOOR : Ground bearing slab to be weather proofed where required to adjoin the existing property.

STABILITY : Frame to be self supporting/stabilised.

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