Roof trusses to manufacturers specs at 760mm c/c on 114mm x 38mm wallplate fixed with galvanized hoop-iron straps built min 600mm into brickwork and tied to trusses. Roof trusses to be adequately braced as per manufacturers specs and to comply with SANS 10400 min 135mm SABS approved isotherm fibre insulating blanket on top of ceiling on 38mm x 38mm SABS grade A battens at 320mm spacing or as specified by manufacturer. Timber built into walls to be wrapped in dpc to prevent water penetration.

@ 40deg pitch on 76mm x 50mm SA pine grade A purlins 900mm c/c max. All timber built into wall to be adequately braced as per manufacturers specs and to comply with SANS 10400. Timber built into walls to be wrapped in dpc to prevent water penetration.

Floor finish according to drawing on cement/sand surface bed (up to a 250 micron damp-proof course (Gunplus USB green) with minimum 250mm overlaps on 50mm compacted sand bed on 150mm thick compacted fill in layers of maximum 100mm (compacted at 90% AASHTO).

@ 3deg pitch on 76x50mm SA pine grade A purlins spaced 900mm c/c max. on 250 micron white underlay on 152x50mm SAP rafters spaced 760mm c/c max. All timber built into wall to be wrapped in dpc to prevent water penetration.