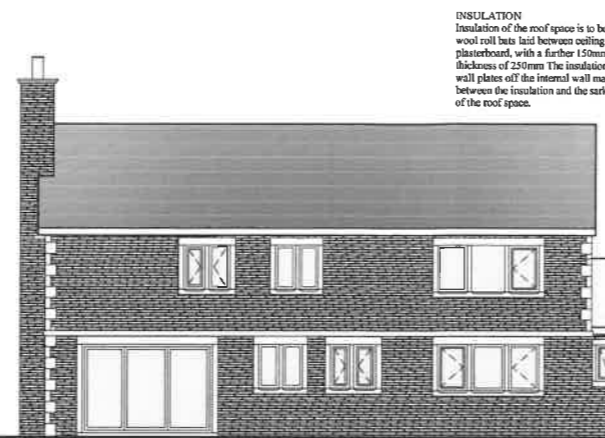


WEST Elevation

NORTH Elevation To Longridge Road



EAST Elevation



SOUTH Elevation To Shire Lane

WINDOWS
PVC-U or hardwood window frame to be 1/10th of the floor area and have 1/20th opening lights and trickle vents to achieve 800m³ free air flow, windows are to be fitted with double glazed units having a minimum 16mm air gap with K-glass in one skin and a 'soil' low-E coating. All frames are to have vertical and horizontal DPC's to all openings. Seal-a-mastic seals are to be provided around all window and door frames to provide a water tight seal. All glazing must be carried out in accordance with BS 6262. See notes on glazing in critical locations i.e. safety glazing.

VENTILATION
Mechanical ventilation fans are required to be fixed to all kitchen areas, utility areas and sanitary accommodation. The kitchen fans are to extract 60 litres per second or if incorporated within a cooker hood 30 litres per second will be required.

SANITARY ACCOMMODATION
Mechanical ventilation is required to provide three air changes per hour with a 15 minute over run discharging to external air and controlled by the light switch or detecting sensor. An air inlet to the room should be provided i.e. a 10mm gap under the door.

EXTERNAL WALL CONSTRUCTION
New external cavity wall to be constructed of 102mm sandstone with stone quoins and stone window sills (heads, Chills, and Jambs) outer leaf 100mm cavity with 70mm Kingspan Kooltherm K3 cavity insulation bats within 100mm cavity, 105mm Thermal insulation block with 25mm insulated plasterboard and skim finish, Caticic BB2 stainless steel cavity wall ties to be spaced 900mm horizontally and 450mm vertically to comply with BS 1243 (1978). Cavity to be closed along eaves and around all openings with Caticic CC30 insulated cavity closer's positioned horizontally and vertically to all openings. All openings are to be provided with Caticic lintels with a minimum end bearing of 150mm at both ends. Brickwork used below DPC to be constructed in Class B engineering or trench block may be used, the cavity is to be filled within 200mm of the DPC with weak mix concrete. All new cavity walls are to be cut through to existing cavities and be continuous. U value 0.28

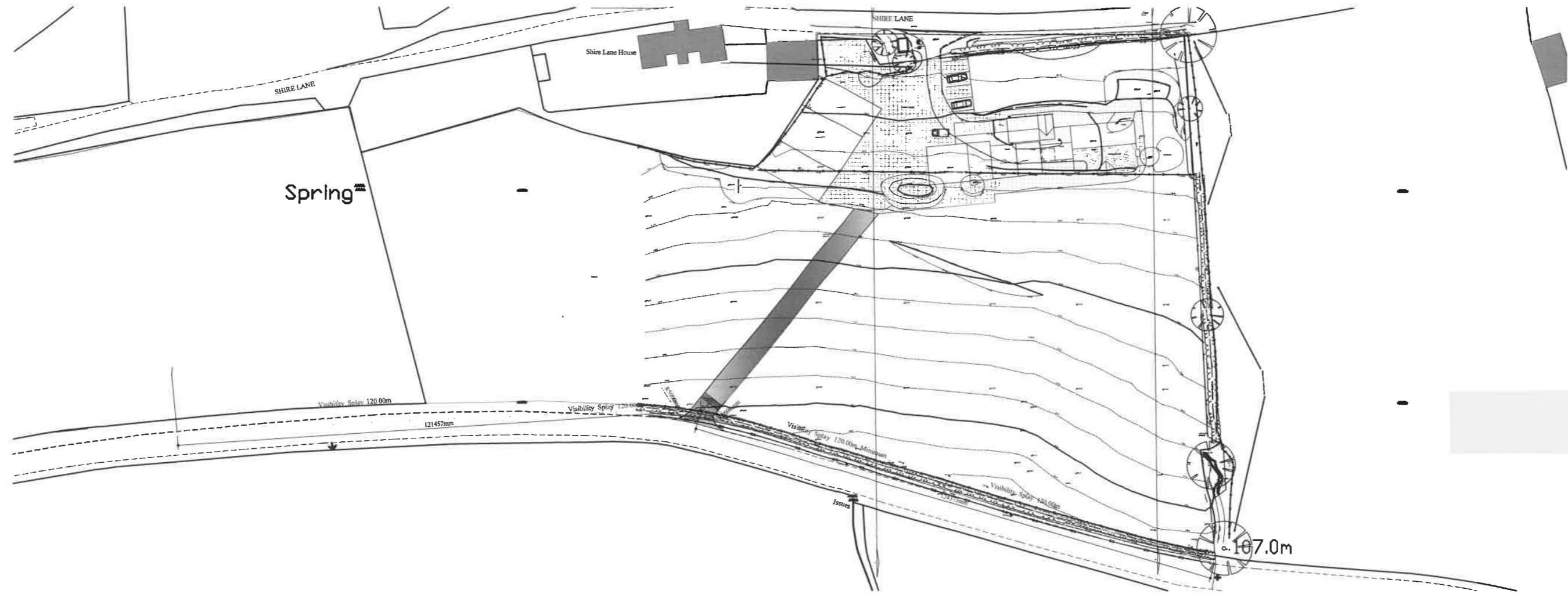
INSULATION
Insulation of the roof space is to be 100mm thick Rockwool mineral wool roll bats laid between ceiling joists over 12.5mm foil backed plasterboard, with a further 150mm Fiberglass laid across to give a total thickness of 250mm The insulation is to be extended over the timber wall plates off the internal wall maintaining a minimum 50mm air gap between the insulation and the sarking felt to ensure through ventilation of the roof space.

CAVITY TRAYS
A cavity tray must be provided above any lintel or ground floor roof, the tray must be fixed in to the wall, all cavity tray membranes must be installed directly above the lead flashings and also be provided with weep holes in at least two vertical joints.

FOUNDATIONS
Foundations are to be concrete strip minimum 600mm wide x 150mm thick C25 concrete mix, foundations are to be a minimum depth of 1m in clay sub-soils provide adequate frost protection in accordance with the British Standards. All foundations are to comply with the Approved Document A1 and A2 of the Building Regulations.

SAFETY GLAZING
Glazing in doors and windows must comply with safety regulations applicable to their locations. Information is contained in the Approved Document Part N and the Workplace (Health, Safety and Welfare) Regulations 1992.

DAMP PROOF COURSE
Damp proof course is to be provided in both inner and outer leaf of brick/blockwork the outer leaf DPC must be at least 150mm above the finished ground level, the inner DPC is to be linked with the floor damp proof membrane (solid floor construction) in the case of timber suspended floors directly under the joists.



Client Mr David Warbrick	
Location Land Off Shire Lane, Hurst Green BB7 9QR	
Project To Develop the existing agricultural land & building into a farm unit with the breeding of livestock	
Drawing Proposed Elevations New access road from Longridge Road B6243	
Agent	
Scale 1:100 & 1:500 Site Plan	Date 30th June 2021
Drawing No. DRG/01	Revision
This drawing is provided for planning & Building Regulations consent only. The contractor must check all dimensions on site before works are commenced. The contractor must comply with all requirements of the Health & Safety Regulations.	
DO NOT SCALE THIS DRAWING	