



**W1 - BRICK PLINTH WALL** (U-value of 0.23w/m2k)  
 102mm facing brickwork Imperial 'soft red'  
 130mm Knauf Dritherm Cavity Slab 32 Super insulation  
 100mm Celcon aircrete blockwork (0.15k)  
 12.5mm dot and dab plasterboard with skim

**W2 - RENDERED WALL** (U-value of 0.23w/m2k)  
 Masonry paint - Dulux Heritage 'Provence white'  
 20mm sand/ cement/ lime 2 coat render  
 100mm Plasmor fibolite clay aggregate blockwork (0.23k)  
 100mm Knauf Dritherm Cavity Slab 32 Super insulation  
 100mm Celcon aircrete blockwork (0.15k)  
 12.5mm dot and dab plasterboard with skim

**W3 - INTERNAL BLOCKWORK**  
 12.5mm dot and dab plasterboard with skim  
 100mm 100/ 140mm Celcon aircrete blockwork  
 12.5mm dot and dab plasterboard with skim

**W4 - INTERNAL STUDWORK**  
 12.5mm plasterboard and skim  
 100 x 50mm regularised sw studwork at 400 ctrs  
 100mm knauf earthwool in between  
 12.5mm plasterboard and skim  
**Note 1:** for all bathrooms/wc's add 12mm plywood reinforcement where required and substitute standard plasterboard for moisture resistant plasterboard  
**Note 2:** for all tiled walls add 12mm hardbacker and omit plasterboard

**F1 - GROUND FLOOR** (U-value of 0.15w/m2k)  
 15mm Floor finishes  
 60mm Gyflon Screed  
 (with underfloor heating pipes)  
 500guage polythene  
 100mm Celotex rigid insulation  
 DPM 1200guage lapped up and into blockwork  
 125mm RC Slab with A142 mesh (EXISTING)  
 DPM 1200guage (EXISTING)  
 50mm blinding (EXISTING)  
 150mm compacted hardcore (EXISTING)

**F2 - UPPER FLOOR**  
 15mm carpet and underlay (by others)  
 22mm t&g chipboard  
 underfloor heating reflector plates and pipes  
 250mm posi - joists at 400ctrs  
 100mm rockwool insulation  
 1 x 15mm plasterboard and skim  
**R1 - TILED ROOF** (U-value of 0.15w/m2k)  
 Clay plain tile - Santoft 'bay brown'  
 25 x 38mm treated sw battens  
 Breather membrane  
 Attic trusses (175mm rafters)  
 ventilated roof space (soffit vents)  
 300mm Rockwool laid between/ over Attic joists  
 15mm plasterboard and skim

**WINDOWS** (U-value of 1.4w/m2k)  
 natural stain/ varnish finish  
 hardwood casement windows  
 Factory glazed with 24mm Low E

**EXTERNAL DOORS** (U-value of 1.6w/m2k)  
 natural stain/ varnish finish  
 hardwood frames  
 Factory glazed with 28mm Low E

**RWP's & GUTTERING**  
 half round black uPVC

ALL DIMENSIONS TO BE CHECKED ON SITE. BRACKETED DIMENSIONS ARE FOR CHECKING AND NOT FOR SETTING OUT PURPOSES. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT BEFORE COMMENCEMENT.

<p>Notes</p> <p><b>DRAWINGS TO BE READ IN CONJUNCTION WITH:</b></p> <ul style="list-style-type: none"> <li>- BREGS SPECIFICATION</li> <li>- STRUCTURAL ENGINEERS MARK UPS</li> <li>- STRUCTURAL ENGINEERS CALCULATIONS</li> <li>- STRUCTURAL ENGINEERS MEMO</li> </ul>	<p>Revisions</p> <p>P1 - 28.02.2016: First Issue          P2 - 20.04.2016: amendments following client comments          P3 - 17.05.2016: amendments following client meeting          P4 - 17.06.2016: amendments to coordinate with SE mark ups          P5 - 07.07.2016: amendments following bregs plan check</p>
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**PRELIMINARY**

Project <b>BEAUMONTS HALL FARM, PAKENHAM</b>		hitchcock architects ltd	
Drawing <b>SECTION BB</b>		18 The Avenue Sunbury-on-Thames Middx TW16 5ES	
Drawing No. <b>BHP-109P5</b>	Scale <b>1:50 @ A2</b>	Date <b>26.02.2016</b>	m: 07855 522478 e: andrew@hitchcockarchitects.co.uk w: www.hitchcockarchitects.co.uk

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