

NOTES
 WRITTEN DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALE, AND ARE TO BE CHECKED ON SITE PRIOR TO COMMENCING WORK. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DOCUMENTS RELATING TO THIS PROJECT. ANY DISCREPANCIES ARE TO BE REFERRED IMMEDIATELY TO THE PROJECT DESIGNER. THIS DRAWING IS COPYRIGHT, AND SHOULD NOT BE USED OR REPRODUCED WITHOUT PERMISSION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE COMPLIANCE WITH THE BUILDING REGULATIONS.

EXISTING 100X50 RAFTERS @450C/C AND 175X50 PURLINS

EXISTING 120X50 RAFTERS @550C/C AND 100X100 PURLINS

Scale bar (m)



EXISTING SOLID MASONRY WALL

EXISTING SOLID MASONRY WALL

EXISTING SOLID MASONRY WALL

EXISTING 220X220 POST

EXISTING SECTION B-B (SINGLE STOREY AREA OF BARN 2) - 1:50

EXISTING SECTION C-C (BARN 3) - 1:50

EXISTING ROOF COVERING REMOVED. G2.5mm PIR BACKED PLASTERBOARD FIXED TO TOPSIDE OF RAFTERS, AND ADDITIONAL LAYER OF 100mm PIR LAID ON TOP. NEW FELT, BATTENS AND TILES / SLATES LAID ON NEW INSULATION. ROOF TO ACHIEVE U VALUE OF 0.15w/M2k. EXISTING RAFTERS, PURLINS, STRUTS AND TIE BEAMS TO REMAIN FULLY EXPOSED. EXISTING RAFTER FEET CUT OFF AND NEW FALSE RAFTER FEET FITTED TO SUIT NEW EAVES PROFILE, FORMED FROM SALVAGED OAK. NEW GUTTERS TO BE FIXED ON BRACKETS. TIMBER BOARDING TO BE FITTED TO MASK TOP OF WALL PLATE.

EXISTING ROOF COVERING REMOVED. G2.5mm PIR BACKED PLASTERBOARD FIXED TO TOPSIDE OF RAFTERS, AND ADDITIONAL LAYER OF 100mm PIR LAID ON TOP. NEW FELT, BATTENS AND TILES / SLATES LAID ON NEW INSULATION. ROOF TO ACHIEVE U VALUE OF 0.15w/M2k. EXISTING RAFTERS, PURLINS, STRUTS AND TIE BEAMS TO REMAIN FULLY EXPOSED AND ARE TO BE GENTLY BRUSH CLEANED. EXISTING RAFTER FEET CUT OFF AND NEW FALSE RAFTER FEET FITTED TO SUIT NEW EAVES PROFILE, FORMED FROM SALVAGED OAK. NEW GUTTERS TO BE FIXED ON BRACKETS. TIMBER BOARDING TO BE FITTED TO MASK TOP OF WALL PLATE.

EXISTING SOLID MASONRY WALL TO BE UPGRADED WITH 50mm CAVITY, TIMBER OR METAL STUDWORK AND G2.5mm PLASTERBOARD BACKED PIR INSULATION TO ACHIEVE U VALUE OF 0.30w/M2k.

EXISTING SOLID MASONRY WALL TO BE UPGRADED WITH 50mm CAVITY, TIMBER OR METAL STUDWORK AND G2.5mm PLASTERBOARD BACKED PIR INSULATION TO ACHIEVE U VALUE OF 0.30w/M2k.

EXISTING SOLID MASONRY WALL TO BE UPGRADED WITH 50mm CAVITY, TIMBER OR METAL STUDWORK AND G2.5mm PLASTERBOARD BACKED PIR INSULATION TO ACHIEVE U VALUE OF 0.30w/M2k.

EXISTING 220X220 POST
 NEW INSULATED CAVITY BLOCKWORK WITH EXTERNAL TIMBER CLADDING. CAVITY TO BE FITTED WITH 90mm PIR INSULATION. WALL TO ACHIEVE U VALUE OF 0.18w/M2k

REV DESCRIPTION DATE

PROJECT
 BARNS AT STAKERS FARM
 NORTH END ROAD
 YAPTON BN18 ODU

DRAWING TITLE
 EXISTING & PROPOSED SECTION
 SHOWING TYPICAL PROPOSED ROOF
 INSULATION

SCALE 1:50 @A3
DRAWN BY FLB
DATE OCT 22

DWG NO 1020/16
REV. -

THE SAME PRINCIPLES AS SHOWN ABOVE ARE TO BE APPLIED TO ALL UPGRADED ROOFS ON THE SITE INCLUDING THE MAIN BARN.

PROPOSED SECTION B-B (SINGLE STOREY AREA OF BARN 2) 1:50

PROPOSED SECTION C-C (BARN 3) 1:50

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