

3 OMCHARD CLOSE, FERRING, BN12 6QT - ROOF RENEWAL + INSULATION UPGRADE

! NOT TO SCALE !

EXISTING ROOF COMPOSITION

PROPOSED ROOF COMPOSITION

NEW RIDGE HEIGHT: 577cm

EXISTING RIDGE HEIGHT: 561cm

16cm increase in ridge height

RIDGE TILE

REDLAND 49 TILE 45mm

ROOFING BATTEN 25mm

BROWN UNDERFELT

100mm RAFTER

MULTIFOIL INSULATION

12.5mm PLASTERBOARD

DRY FIX RIDGE TILE

120mm PIR INSULATION

NEW VAPOUR CONTROL LAYER

VAPOUR PERMEABLE UNDERLAY

COUNTERBATTEN 25mm

BATTEN 25mm

CAMBRIAN SLATE
15mm

42.1°

42.1°

THICKNESS ABOVE RAFTER:

25mm ROOFING BATTEN
+
45mm REDLAND 49 TILE
=
70mm

THICKNESS ABOVE RAFTER:

120mm PIR INSULATION
+
25mm COUNTER BATTEN
+
25mm ROOFING BATTEN
+
15mm CAMBRIAN SLATE
= 180mm

RESULTING CHANGE IS A
110mm INCREASE TO THE
PLANE OF THE EXISTING
ROOF SLOPE.