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GAP ARCHITECTURAL &
ENGINEERING DESIGN SERVICES

Client

Mr & Mrs Tobin

Revision

Date

Project Title

Burghill Lodge, Canon Pyon,
Hereford.

Drawing Title

Proposed Conservatory
Section G-G

Office of Origin

VALLEYS OFFICE

Drawn By

SBH

Date

MAY 2017

Project No.

17-007

Scale

1/20 @ A2

File

Drawing No.

410

Revision

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125 x 75 Grade C16 (Sc3) timber plate
tcescrewed to web of 150 x 90 x 24 RSC
beam bolted to new 220 x 120 Oak beam
with speedy major joist hangers.

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Existing Oak Frame

145 x 38 Grade C16 (Sc3) cts
treated timber joists with Ex-145 x 38
timber firrings with 12.5mm duplexed FBD
ond skim.

63 x 38 CLS SW Timber studs
@ 600mm cts with Celotex 4050
insulation board between and over
laid with Celotex 4025 insulation
board and 12.5 duplex plasterboard
toped and skimmed.

Ground floor construction to be Porcelain Floor tiles laid
over 65mm sand cement screed with fine polyester fibre
reinforcement, laid over on 100mm kingspan insulation
board (flooring grade), on 500 gauge vapour barrier, laid
over 150mm mass concrete slab with trowelled finish,
on 1200g polythene DPM laid on 50mm sand blinding to
150mm min compacted subplate free hardcore.

2 Coats of Welco Elastomeric Solar
Reflective Coating Painted at a rate of
15m2 / Silrs Over GRP roof deck
25mm Kingspan thermarroof TR27
LPC/FMPiR insulation fitted tightly and
tape jointed
50mm Kingspan Optim-R PIR insulation
fitted tightly and tape jointed laid over
Vapour Control Barrier
22mm WPB Exterior grade Plywood
decking screw fixed to firrings at 300mm cts
145mm thick Insulation quilt
90 x 38 treated SW batten.
175 x 25 Oak fascia & soffit board
with cast iron rain water goods.
125 x 75 Grade C16 (Sc3) timber plate
tcescrewed to web of 152 x 89 x 19UB
beam with speedy major joist hangers.

Toughened safety glazing

1 in 60 Fall

1 in 12 Fall

Class B engineering
face brickwork

215mm thick 7.5N/mm² Dense concrete blockwork

Class FMD2 Concrete strip foundation

Section G-G

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