

General Notes

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All dimensions are to be checked on site prior to commencement of work.
Figured dimensions are to be taken in preference to scaled dimensions.
If in doubt ask DALE ROBERTS DESIGN.
This drawing could be subject to a Planning / Building Regulations application and should this be the case all works undertaken prior to approval are at the contractors / clients risk.

This drawing has received Planning approval dated:

This drawing has received Building Regulations approval dated:

ROOF PLAN — NOTES

Solar PV Panels

16 no. solar PV panels on on-roof rail mounting system —
Variole or equivalent. High efficiency N-Type monocrystalline
all-black panels, minimum 400W per panel. Panel layout shown
indicatively — final layout, rail spacing and fixing details to be
confirmed by renewables contractor prior to commencement.
Wind and snow loading calculations to be provided by
renewables contractor. Bird protection mesh to perimeter of all
panel arrays. All panels MCS certified. Roof penetrations for
mounting rails by roofer under supervision of renewables
contractor.

Bat Box Tile

1 no. Manthorpe GBAT bat box tile or equivalent to be integrated
into rear roof slope away from solar PV panels — position to be
confirmed by ecologist prior to commencement. Include in BNG
metric.

Swift Brick

1 no. Schwegler or Manthorpe swift brick to be integrated into
gable end of dwelling overlooking garage — position shown
indicatively, to be confirmed by ecologist prior to commencement.
Include in BNG metric.

Woodburning Stove Flue

Clay or pumice flue liner rising vertically from woodburning stove
in living room through first floor wardrobe to ridge. Dark grey
powder-coated twin-wall insulated flue above roof level —
minimum 600mm above ridge or 1000mm above any roof
surface within 600mm horizontal distance. Flue terminal to
manufacturer's specification. Flashings: lead soaker and cover
flashing. Stove to be room-sealed direct air appliance — 100mm
direct combustion air supply duct from outside connected to
stove air intake, completely separate from MVHR system.
Installation to comply with Approved Document J and HETAS
requirements.

Garage Sedum Roof

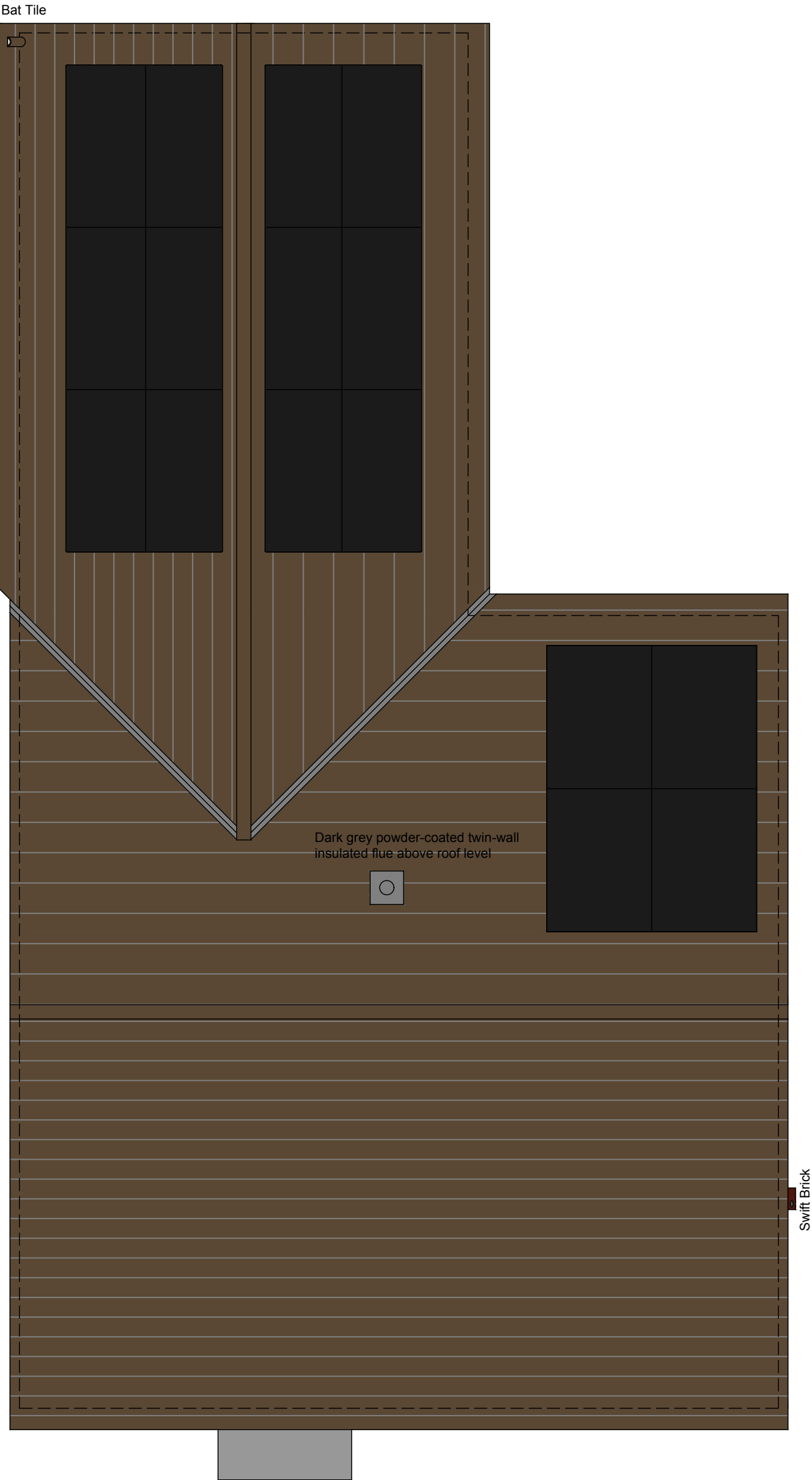
Flat roof to detached double garage within parapet walls. Butyl or
equivalent waterproofing membrane with full root barrier. Sedum
crates or planted sedum layer on drainage layer on protection
fleece. Parapet copings in matching facing brick. Roof falls
minimum 1:80 to concealed internal rainwater outlets.
Waterproofing specification and sedum system by specialist
contractor — Alwitra or equivalent. Include in BNG metric as
green roof habitat.

MVHR

MVHR unit located in roof space. Supply and extract ductwork
routes to be coordinated with architect and MVHR contract and MVHR contractor
before finalising. All roof penetrations for MVHR ducts to be
shown on drawing — positions indicative, to be confirmed by
MVHR contractor. Insulated ductwork throughout.

Roof Construction

See roof construction notes on drawing for full warm roof
specification, attic truss details, eaves detail and fire resistance
requirements.



Proposed Roof Plan

No.	Revisions	Date
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Client
MR N HIBBS

Project
PROPOSED NEW DWELLING
LAND ADJACENT TO
35 BEAULIEU ROAD
AMESBURY
SP4 7PD

Drawing Title
PROPOSED ROOF PLAN

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Drawing No. 25016 / P101		

