

Grey Water Heat Recovery system to be installed which will retrieve thermal energy from hot water, typically used in a shower before it's lost and drained away.

Air Source Heat Pump to be installed to deliver the best low carbon heating

Energy Storage within the Utility Room, battery storage for back up power

Home Energy Management System to be installed to control various systems and to optimize energy consumption.

Rainwater harvesting system will save up to 50% of water consumption, used for toilets, washing clothes and gardening

Energy efficient lighting throughout, high efficiency CFL, LED and CLED lighting to be used.

ROOF: to be a Green Roof, Sedum mat with dry habitat perennials, ornamental grasses and drought tolerant plants and will create a habitat for local wildlife, improve air quality around the property and add aesthetic value.

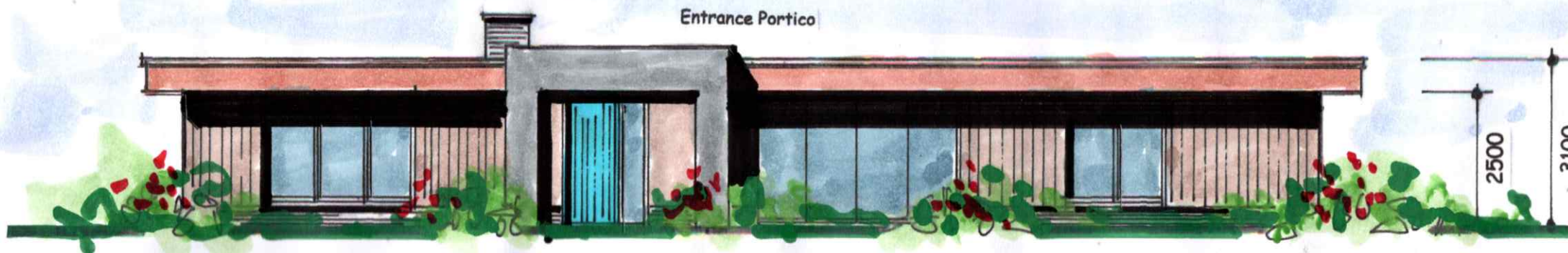
The overhanging roof provides shade during summer months while allowing the sun to shine during winter months

Solar Photovoltaic Panels mounted on the roof, these panels thermal energy into electricity, Positions, fixings and quantity to be decided by the clients.

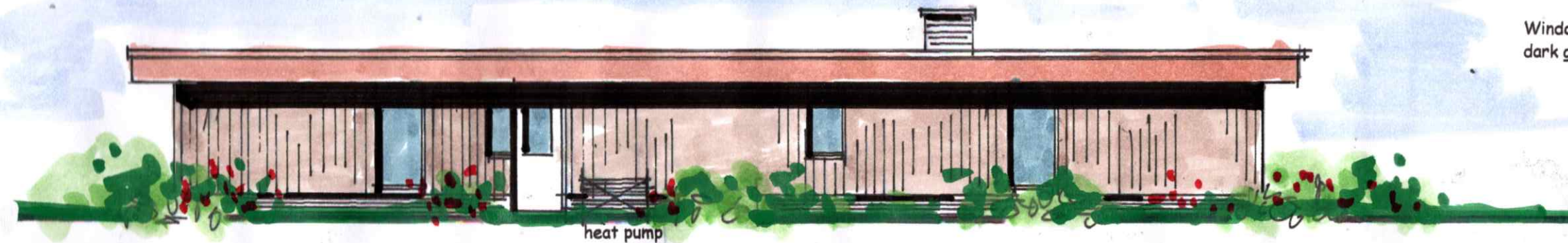
Fascias: natural zinc colour RF50 rainscreen aluminium composite panels by Spanwall Ltd. or similar.

Walls: facing brickwork plinth courses with fully insulated timber frame constructions of SIPS panels or similar fully insulated systems. Timber frame finished with vertical Cedar or Sweet Chestnut timber claddings.

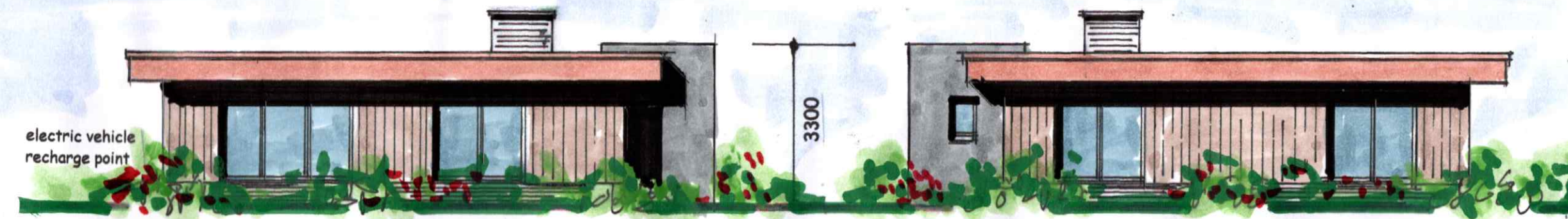
Windows: energy efficient double or triple glazed windows and doors, dark grey colour frames



Front Elevation - west



Rear Elevation - east



Side Elevation - north

Side Elevation - south



Planning Drawing

David Liversidge design



Architecture and Planning

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Proposed Dwelling Elevations

Princes Barn, Adversane Lane,
Billingshurst, West Sussex, RH14 9EH

scale: 1/100th @ A3

drawing no

date: JULY 2026

26/66/5

GLENCAIRN LTD.

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