

VOLUNTARY SUSTAINABLE DESIGNER CODE OF CONDUCT for Stolwood Architects

For new or refurbished buildings aiming for net zero whole life carbon emissions

This code is to be read and referred to with Stolwood Architects Voluntary Sustainable Designers Code of Conduct Guide 01, RIBA Climate Guide *by Mina Hasman* and the RIBA 2030 Climate Challenge 2030.

WHY: The Voluntary Sustainable Designer Code of Conduct is a guide for Designers in the construction industry. It is used to inform clients and construction teams to the primary aims of sustainable design. It should be referred to throughout the project work stages. From the code your designer will establish and inform you of the most appropriate sustainable design methods for your project. The resulting sustainable design will provide many benefits of health and wellbeing, energy saving and social benefits towards a better and more sustainable future for all. Designs will also comply with local authorities, climate change adaptations and bio diversity net gain requirements.

Use the guide, RIBA Climate Guide, RIBA 2030 Climate Challenge, site analysis, budget, planning restrictions and the building regulations, to establish the appropriate application of the code and sustainable design methods.

- 1) Biophilic-Organic and sensory design
- 2) Maximise passive design
- 3) Active design strategies for energy reduction
- 4) Specify services that don't use fossil fuels or high carbon emissions
- 5) Maximise onsite renewables
- 6) Prioritise refurbishment, retrofit and reuse to reduce carbon
- 7) Use modular and easy to assemble and disassemble, reusable products
- 8) Designing for change (flexibility and adaptability) and regeneration
- 9) Non-toxic interior finishes, materials and furniture, Bio-based materials
- 10) Responsible and ethical sourcing
- 11) Specify low carbon, local, natural, recyclable and reusable materials.
- 12) Wastewater recycling and water harvesting (Retention tanks or ponds, green/living biodiverse roofs and filters Grey- and blackwater treatment)
- 13) Sustainable urban drainage systems (SuDS)
- 14) Water efficiency and consumption (water-efficient fittings, fixtures and equipment)
- 15) Retain and enhance the sites indigenous natural biodiversity net gain and green cover
- 16) Planting indigenous biodiverse trees and diverse landscapes with wildlife boxes
- 17) Use RIBA 2030 Climate Challenge 2030 guides for information to achieve targets
- 18) Provide electric vehicle charging points and bicycle accommodation.