

GREEN INITIATIVES

ECO DESIGN



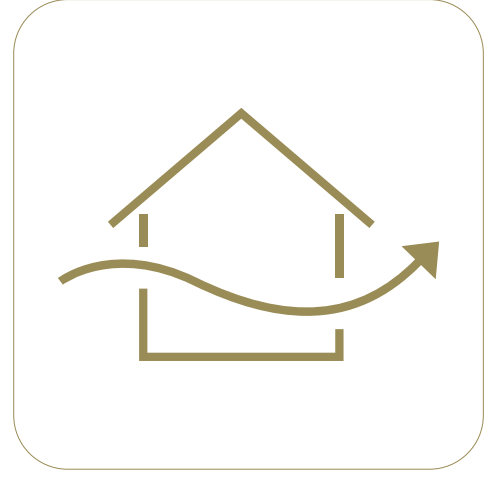
COOL ROOF

A building's heat gain is mostly through the roof. By installing the right roofing material and insulation, heat gain that is passed through the roof can be reduced.



BUILDING ORIENTATION

By studying the local sun path as it rises and sets from East to West, we are able to optimise a building's orientation to prevent excessive heat gains. As a result, your building is designed to ensure that its interior remains cool and comfortable throughout the day.



NATURAL VENTILATION

Hot air naturally rises, hence we have designed your home to draw in natural air while allowing hot air to escape via cross ventilation from the windows. By carefully placing window openings towards the direction of prevailing winds, natural cooling air can be ventilated throughout the home.



WINDOW DESIGN

Determining the positioning and size of the windows in a building involves finding the right balance between outside views, natural light penetration and heat gain. We have optimised your building's window design to ensure that you will be able to enjoy pleasant views and natural lighting without the unwanted heat gain.



NATURAL LIGHTING

There is no better way to light your environment than through the natural rays of the sun. We have designed the exterior of your home to maximise daylight penetration reducing the need to turn on lights during the day.

ECO CONSTRUCTION



RESPONSIBLE CONSTRUCTION

Through the right controls and plans, we've ensured that all construction activities carried out has minimal impact on the surrounding community and the environment. We take great care to keep our rivers and neighbourhoods clean.



USING GREEN OR ECO-LABEL MATERIALS

We see the use of green or eco-labeled certified construction materials in our homes as the way to go forward. They are non-toxic, non-hazardous and harmless to the environment. Through this, we only use materials such as low VOC paint in your home which has non-chemical ingredients that will promote health and well-being.



CONSTRUCTION WASTE RECYCLING

The common practice for disposing of construction waste is to dump it into landfills. At EcoWorld, we have taken a different approach by recycling waste materials such as paper, plastic, metal and timber to reduce the impact of the development as these materials can be a valuable resource.

ECO MASTERPLAN



GREENSCAPES & WATERBODIES

We take pride in dedicating a large percentage of our developments to greenery and water areas such as gardens and lakes. We hope to create a cooling and visually pleasant environment for all to enjoy.



GREEN MOBILITY

Besides being able to move around in your neighbourhood freely, we have also installed other alternative connectivity modes to nearby community amenities – a pedestrian only path. Look forward to leisurely strolls around the neighbourhood.



PEDAL READY

Being able to move around in your neighbourhood without having to drive is not only convenient but it lowers the carbon footprint and is also a healthier option. We have designated cycling lanes that connect residential areas to nearby amenities such as shops and to community areas and parks within the development. Getting around is a breeze!

ECO LANDSCAPE



NATIVE PLANTS

We believe in including native plants (local plants) in a development's environment as it not only provides greenery, but maintains the natural ecosystem around a neighbourhood. These 'locals' usually require less maintenance and have low water requirements.



TREE PRESERVATION

We actively transplant existing or mature trees in efforts to preserve them within our development. This effort not only provide shade and an overall look of maturity of the landscape but also provides natural habitat of the ecosystem.



BIODIVERSITY

We feel that a development without flora and fauna lacks in character and beauty. In order to provide rich biodiversity, we have designed parks and rivers with plants that will attract suitable animal species such as birds, butterflies and other insects to our townships.