

GREEN INITIATIVES



ENERGY EFFICIENCY

Achieving energy efficiency is the practice of optimising your energy consumption by reducing waste. Waste leads to inefficiencies and higher electricity costs. By using energy efficient electrical and mechanical appliances, you will be able to spend less on electricity and enjoy more savings.



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.



SHADING MECHANISM

Building an extension roof slab is vital in blocking the direct sunlight a home receives. Therefore, we have specially designed a shading mechanism that provides a comfortable and cosy environment for your home by minimising the heat gain.



RECYCLING READY

A township with a recycling friendly design can encourage its community to do their bit for the environment. EcoWorld townships are recycling ready with recycling bins and points. We will also have continuous recycling campaigns and activities to engage residents.



WATER CONSERVATION

Conserving water is about reducing wastage and optimising its use. We have equipped your homes with water efficient fittings such as showerheads, taps, pipes, etc that can help you save water on a daily basis.



GREENSCAPES & WATERBODIES

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



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.



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!



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.



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.



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.



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.



LANDSCAPE IRRIGATION WATER

EcoWorld's developments are known for their beautiful greenery and landscaping. Instead of using treated quality water from the local water supply, we get our water through renewable sources such as ponds and lakes to water the plants in your neighbourhood. This allows for lower maintenance cost and has lesser impact on the overall environment.



COMPOSTING

We convert landscape waste into compost that can be used as fertilisers to keep landscapes healthy and beautiful. This will improve soil moisture by holding in water when there isn't enough, and prevent soil run-off when there is too much. This method is an eco-friendly alternative and sustainable source to nurture your growing plants.

GREEN BUILDING INDEX CERTIFICATE NO.
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NORTHAMPTON TERRACES, ECO MEADOWS

PT739, JALAN PABOI, MUKIM 14, DAERAH SEBERANG PERAI SELATAN, 14100 SIMPANG AMPAT, PULAU PINANG, MALAYSIA

HAS BEEN AWARDED



CERTIFIED

DESIGN ASSESSMENT

PROVISIONAL GBI CERTIFICATION

OWNER/APPLICANT
ECO MEADOWS DEVELOPMENT SDN. BHD.

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