GREEN INITIATIVES

ENERGY EFFICIENCY
Achieving energy efficiency is the practice of optimizing your energy consumption by reducing waste. Wastes lead to inefficiency 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.

BUILDING ORIENTATION
By studying the local sun paths as it rises and sets from East to West, we are able to optimize 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.

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 optimized your building’s window design to ensure that you will be able to enjoy pleasant views and natural lighting without the unwanted heat gain.

SHADING MECHANISM
Building an extensive 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 cozy environment for your home by maximizing the heat gain.

RESPONSIBLE CONSTRUCTION
Through the right controls and plans, we have 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 neighborhoods clean.

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 re-used or recycled.

USING GREEN OR ECO-LABEL MATERIALS
We use 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 wellbeing.

GROUNDS & 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.

COMPOSTING
We convert landscape waste into compost that can be used as fertilizers 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.

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 house.

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 maximize daylight penetration reducing the need to turn on lights during the day.

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 optimizing 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.

PEDAL READY
Being able to move around in your neighborhood 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.

GREEN MOBILITY
Being able to move around in your neighborhood freely, we have also installed other alternative connectivity modes to nearby community amenities – a pedestrian walk path. Look forward to leisurely strolls around the neighborhood.

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 neighborhood. 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 reusable sources such as ponds and lakes to water the plants in your neighborhood. This allows for lower maintenance cost and has lesser impact on the overall environment.
GREEN BUILDING INDEX CERTIFICATE NO.
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ECO TERRACES
PART OF LOT PT2509 & PT2511, JALAN PAYA TERUBONG, MUKIM 13, DAERAH TIMUR LAUT, 11060, PENANG

HAS BEEN AWARDED

CERTIFIED

PROVISIONAL GBI CERTIFICATION

OWNER/APPLICANT
ECO TERRACES DEVELOPMENT SDN BHD

AR. CHAN SEONG AUN
CHAIRMAN
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