

Mahindra Lifespaces at the forefront of Sustainable Living

India Infoline News Service / 09:53 , Jun 05, 2012

Aqualily is located on the fast developing GST Road, at Mahindra World City and is an exclusive gated community spread over 55 acres as part of an overall residential development area of 325 acres at Mahindra World City

Mahindra Lifespace Developers Ltd., the real estate and infrastructure development arm of the US \$15.4 billion Mahindra Group has been at the forefront of urban development by creating sustainable communities across the country.

The company delivers quality living spaces to its customers for healthy living through consistent focus on thoughtful master planning & believes in striking a harmonious balance between inevitable and responsible urbanization. Its sustainable urbanization philosophy takes into account the social and economic aspects of development too.

'Aqualily' is one such residential project in this category that takes into account this sustainable urbanization philosophy.

Speaking on the occasion of 'The World Environment Day', Anita Arjundas Managing Director & CEO, Mahindra Lifespace Developers Ltd & Member of the Group Executive Board, said "At Mahindra Lifespaces, we carry the development approach of sustainable urbanisation across all our residential projects. We believe it's imperative for us to take up initiatives that help reduce the carbon footprint and enable residents to participate actively in the preservation of the environment."

Aqualily is located on the fast developing GST Road, at Mahindra World City and is an exclusive gated community spread over 55 acres as part of an overall residential development area of 325 acres at Mahindra World City (MWC) - India's first Integrated Business City. The project comprises 151 luxury villas and 610 lifestyle apartments and is nestled on the banks of the Kolavai Lake.

Being pre certified 'Gold' by the Indian Green Building Council (IGBC) , this project is designed to optimize maximum inflow of natural air & light by providing for avenues and opportunities to customers to truly conserve energy and live in a healthy environment and conforms to various aspects of Green concepts like:

Energy Efficient design building envelope v.i.z. ' Low energy density Flyash bricks ' are being used in the walls & the high – albedo – insulating material [having SRI (Solar Reflectance Index) value more than 78] is being used on the terrace. This helps in reducing the air-conditioning load as Building Envelope always receives the maximum heat energy from sunlight.

The Project provides for better indoor environmental quality by improving the ventilation effectiveness through the provision of more window space to wall ratio than stipulated norms of Ventilation. Also, the usage of low VOC paints and adhesives gives better indoor air quality as application of VOCs can affect outdoor air quality by creating Smog and producing an unhealthy environment.

Aqualily is designed to minimize the soil erosion from wind and water through the development of landscape with turf area and through provision of rainwater harvesting at site. The project also provides for storm-water management plan wherein the runoff due to heavy rain is controlled and the eroded soil is collected and stored with fertile soil for landscape application.

Less diversion of construction waste to landfill and use within site - Construction waste like broken bricks, waste concrete cubes is used within site for temporary works, land filling. Waste material like Scrap steels, broken glass, wooden material, packing material will be handed over to authorized recyclers.

Reduction of potable water consumption is considered through the use of Grey water from Mahindra World City – Central Sewage Treatment Plant for flushing and landscaping; Low flow water faucets within the homes; Rainwater/Storm water management System & Use of Xeriscape in Landscape (such as landscape will be of Drought Tolerant nature & will consumes less water).

Water saving is also done with the use of Timer based water sprinklers, drip irrigation system, moisture sensors, pressure regulating devices for water control and water meters etc.

At Aqualily, Topsoil preservation for future landscaping is being carried out

In addition to this, an occupancy guide briefing about sustainability will be given to the customers.

Homes at Aqualily guarantee a family a holistic living experience in communion with nature. The living spaces are large and are bounded by greenery and blue waters are meant to offer residents an experience akin to country living. To be precise, there is more than 10 acres of open SPACE and the ground coverage is only 33%.

The Central park spread over 2.2 acres is the nerve centre of the development & consists of a series of landscaped gardens, shaded walkways, children's play areas and an amphitheatre stretching along the length of the development. An area of approximately 5 acres is being developed as a complete Green as part of the regulatory requirement. A fifteen-metre walkway along the lake designed as a promenade for the residents transforms Aqualily into a heaven like no other.

The housing density is designed to be on the lower side to enhance the feel for "spaced out living and gives the dweller unmatched privacy.

With these features those who yearn to live an international lifestyle in a serene gated community, will definitely have Aqualily as a natural choice.