

## Media Release

### Lend Lease is Recognised for Design and Sustainability Excellence at the Building and Construction Authority Awards 2013



**Singapore, 14 May 2013-** Lend Lease is honored to win two awards at the annual Building and Construction Authority (BCA) Awards 2013; Mr Mann Young, Head of Sustainability, Asia, Lend Lease will be awarded the Green Advocate of the Year Award while Jem®, a mixed-use development in Jurong Gateway, is one of the recipients of BCA's coveted first Universal Design (UD) Mark Award for its exemplary UD features.

Mr Mann Young said: "At Lend Lease, the community is at the heart of everything we do. We want to kickstart a revolution in the building industry by focusing on innovative technology and programmes that ultimately produce an inclusive and greener built environment. This is in line with our vision of Creating the Best Places as we create designs that revolve around people to leave a positive legacy for generations to come."

Congratulating Lend Lease, BCA CEO Dr. John Keung commented: "We are proud to work with partners like Lend Lease, who are renowned for placing sustainability at the top of their priorities. Their projects are an example of how one can optimise project outcomes that are not only sustainable but also take into consideration the commercial and business aspirations of all key stakeholders. This is the way forward, as we embark on our journey together to develop a truly sustainable and inclusive city."



Mr Mann Young will be conferred the Green Advocate of the Year at this year's BCA awards ceremony on 16 May 2013 in recognition of his commitment and passion for environmental sustainability. Responsible for driving Lend Lease's sustainability philosophy of "Every Action Adds Up", he constantly introduces innovative technology to the building sector hoping to see a positive revolution in the industry. Lend Lease's Jem®, 313@somerset and Parkway Parade are leading projects amongst his notable project contributions in Singapore, with all three projects awarded the BCA Green Mark Platinum status. He also contributed to help Setia City Mall be the first mall in Malaysia to win the BCA Green Mark Gold Award. His other industry advocacy roles in the sustainability arena include the Chairperson of Asia Pacific Real Estate Association (APREA) Sustainability Committee, a committee member of United Nations Environment Program Finance Initiative (UNEP-FI) Property Working Group and the World Green Building Council Regional Manager of the Asia Pacific Green Building Council Network.

Jem® will be among the first recipients of the coveted Universal Design (UD) Mark Award voluntary certification scheme at the ceremony this year, winning the GoldPlus (design) award. The UD Mark accords recognition to developments and projects that pursue a design philosophy that enables everyone – the young, the old and persons with different abilities – to enjoy inclusive living in familiar surroundings with their loved ones. Some of the notable measures adopted by the highly anticipated retail and commercial development include conducting consumer focus group studies to understand their needs and requirements, adopting a guide dog friendly policy in the mall and a comprehensive network of shelters and connecting walkways are all evidence of Jem® catering to the varying needs of diverse user groups in its community. The designed facilities will continue to be maintained with the original purpose in mind as Lend Lease continues to manage the mall. Lend Lease is involved as owner, development manager, constructor and asset and property manager, ensuring the universal design is upheld through the entire property spectrum. *(For more information on the UD measures in Jem®, please refer to Annex A)*

In addition to these accolades, Lend Lease is honored to be the Project and Construction Manager of the Singapore Pools Building at Middle Road that received the BCA Green Mark GoldPlus award. Working closely with Singapore Pools and CPG Consultants, Lend Lease played an instrumental role in bringing the building and infrastructure up to current standards of energy-saving excellence.

These industry recognitions on both an individual and project-wide level are strong testaments to Lend Lease's continual strong commitment to sustainability and alignment to BCA's vision to have the best built environment for Singapore, our distinctive global city.

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## About Lend Lease

Lend Lease is a leading international property and infrastructure group. Listed on the Australian Securities Exchange and with over 18,000 employees worldwide, Lend Lease's capabilities span the entire property spectrum - development; investment management; construction and asset & property management. Our expertise covers multiple sectors including commercial, life sciences, retail, hospitality, education and industrial.

We create innovative and sustainable property solutions, forging partnerships and delivering maximum benefits to clients, investors and communities. Sustainability has always been an integral part of our culture and through design and investment in new technologies, we are delivering the next generation of sustainable property solutions. Safety is our number one priority and Lend Lease is committed to operating Incident & Injury Free wherever we have a presence.

For more information about Lend Lease, please visit our website [www.lendlease.com](http://www.lendlease.com). Lend Lease's name in Chinese is 联盛。

## ANNEX A: UNIVERSAL DESIGN MEASURES ADOPTED BY JEM®

Universal Design (UD) refers to "design for everyone": it focuses on creating an inclusive society, where the young, the elderly, and persons with limited mobility can continue to enjoy living in familiar surroundings with their families and friends. The move towards universal design has developed due to the expanding population of people with varying degree of abilities and advancing years, their demands for recognition and desire for independent living.

Measures adopted by Jem® that qualify it for UD Mark Award are appended below:

### PROCESS OF UD ADOPTION DURING PLANNING AND DEVELOPMENT

- Consumer focus group studies were conducted to understand their needs and requirements, so that Jem® is able to better define the features of the mall.
- Creative design workshops were held with stakeholders to help create the best user experience for Jem® Park. Community consultant experts and government representatives were engaged for the exercise.
- A series of Information Communication Technology (ICT) BLUESKY workshops were conducted by CISCO to understand the information needs of shoppers and staff, so as to better define the communication systems in the mall.
- Workshops were conducted to solicit user feedback on the usage of facilities through the use of mock ups in actual spaces. For instance, parents' room, furniture, signage, handrails and even Jem® Park were simulated for assessment.

## USER-FRIENDLINESS

Jem® demonstrated a user-centric approach in planning, design and provisions, such as:

- Developed a robust in-mall digital navigation system which is integrated with our mall's mobile app and in-mall store directories.
- Providing family rooms with child toilet and basin, hot water dispenser, diaper changing station, private feeding rooms with power points and automated entry.
- Developing Jem® Park, a cascading sky park and green space area over three levels.
- Developing Jem® Play (within Jem® Park), which is a play area with water features for kids. Providing adequate seatings in resting areas.
- Provision of kiddy cabs.
- Adopting a guide dog friendly policy in the mall.

## DESIGN INTEGRATION

Jem® demonstrated holistic and aesthetic incorporation of UD principles/features, such as:

- Implementing daylight simulation through adequate replacement of artificial lighting with natural skylight.
- First mall to offer complimentary WIFI service to shoppers within the mall.
- Offering quality mobile reception by signing license agreements with all four of the local Telcos to provide exclusive mobile coverage to Jem®.
- Elements @ Play, which is a collaborative initiative with Singapore Science Centre to bring interactive science and technology exhibits to public space.
- Positioning Concierge desks at levels 1 and 3, such that it is easier to locate by increasing visibility for shoppers from the mall entrance and between levels through mall voids.
- Collaborating with Pathlight, a local autism-focused school, to provide a platform for them to showcase their student artists' artwork to the public. This is a two-pronged approach to working with the community while integrating aesthetic touches to the mall.

## CONNECTIVITY AND ACCESSIBILITY

Jem® provides seamless connectivity to other buildings/infrastructures and enhances overall accessibility within the development, such as:

- Developing Jem® Street, a low-rise zone that provides seamless connectivity between the MRT and bus interchange, while also offering streetside shopping and al fresco dining.
- Offering family parking lots and hybrid parking lots, with an electronic signage system showing availability of parking lots.
- 24-hour direct links and sheltered connections to nearby amenities and destinations.

## SAFETY

Jem® incorporated safety features, such as:

- Implementing fall prevention features in the form of side safety balustrades installed to escalators as well as permanent balustrades installed with angled handrail.
- Provision of mobility equipment, in the form of wheelchairs, which are readily available at the Concierge desks.
- Access ramps with full length handrails.
- Collaboration with Kone Systems to develop a first-in-market technology for anti-trapment for safety on escalators.

## OPERATIONS AND MAINTENANCE

- As a global leader in safety innovation, Lend Lease's corporate policy goes beyond code compliance to create a user-friendly built environment - it aims to ensure safety measures are strictly adhered to in all aspects of the business operation.
- Jem® implemented the integrated Building Management System (iBMS) which is designed for the ease of maintenance through automation, real-time assessment of facility status, online documentation etc.
- All staff and contractors working in mall are required to be First Aid + AED certified.
- Regular communication with staff and shoppers is facilitated through internal and external newsletters, website, and Facebook.
- Customised training is provided for concierge and facility staff, while a continued development program is provided to executive and administrative staff.
- A Tenant Portal is created on Jem® sg to promote better communication with their tenants. The portal provides an integrated platform where tenants can view their monthly energy consumption, log any base build issues and share their retail promotions with Jem®.