

# *perimeter*

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# BOLLARDS

## Combining Security and Aesthetics

These unique Bollards were recently supplied and installed at the entrance of The Westin hotel and No 1. Martin Place office tower.

Working from an Architects brief Leda's Engineering team were able to complete the design of these very unique bollards. The Bollards were manufactured from Grade 316 Stainless steel, finely polished to a No 8. Finish. They were then nickel plated, treated with an ageing solution and finally finished with a 2 Pack Gloss urethane.

Supplied in both Fixed and Locking and Removable models the bollards are also fitted with LED lighting and Brass logo's.



## Virgin Lounge

Leda recently completed the installation of high security bollards at the new Virgin Business Lounge in Brisbane's Domestic terminal.

The construction of the Lounge was carried out by Watpac and is an addition to the southern end of the terminal building. The design allows clients to drive up the entrance of the lounge and take advantage of Virgin's valet parking service. As the glass frontage is on road level Leda installed it's high security shallow mounted bollards to protect the glass frontage and terminal buildings infrastructure. In the lower risk areas of the terminal approach Leda installed 45 Slimline SSP100FA stainless steel bollards.



## Modular Bike Cage (UBC01)

Leda recently supplied a UBC01 end of journey bike shelter to McNab's for installation at their new Ipswich Citiswch project.

The project is located in the new Puma Energy service centre offering a refueling station and truck stop with multiple restaurant options available. The secure bike facility offers parking and lockers for up to 10 bicycles as well as a self contained shower, hand basin and changing area. Staff at the centre are able to cycle to work then freshen up prior to starting their shift. This has all been achieved while utilising no more area than a standard car parking spot.



## New BCC Rack

Leda's Brisbane branch has recently been awarded a contract to manufacture and supply quantities of Brisbane City Councils new Generic design bike rack.

The stainless steel design has several models each designed to cater for various numbers of cyclists.



**BCC33**



**BCC44**



**BCC55**

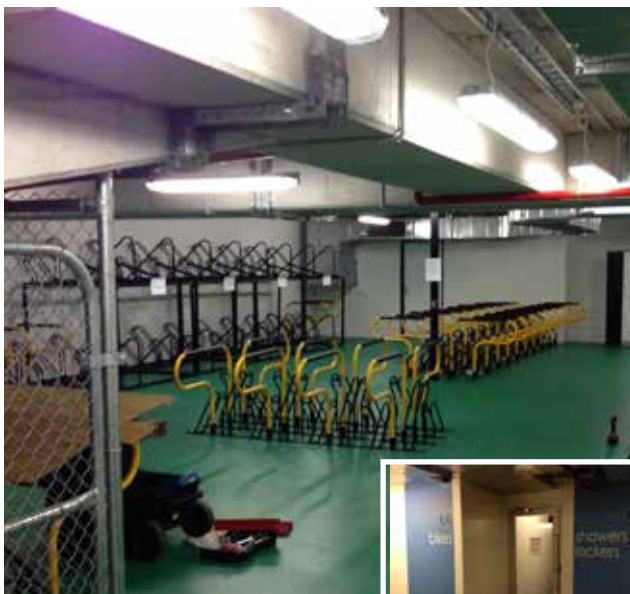
# END OF JOURNEY FACILITIES

## Queensland

"Daisho Co Ltd, the developer and owner of the recently completed 6 Star Greenstar commercial office tower 180 Ann Street, has installed state of the art End of Trip Facilities in their existing building 192 Ann Street."

Leda were proud to be selected to supply and install the bicycle parking racks for Intrec Management Pty Ltd on behalf of Daisho Co Ltd.

The facility provides for both single and dual height racks along with spacious aisles for cyclists to enter and exit. Adjacent to the bicycle parking area is a full suite of changing and showering facilities where no detail has been left to chance. There is even a chilled water facility which counts the number of bottles refilled and displays this as a total of bottles saved from going to landfill. The whole precinct is fully secured with swipe card access.



## South Australia

The basement in a multi tenanted city office block in the heart of Adelaide was recently completely gutted and rebuilt to cater for a bicycle End of Journey facility. These major renovations required walls to be removed and rooms to be completely reconfigured.

The walls have striking bike theme images, the floors have a special hard wearing carpet so cyclists can come down in the lift with bike and still be wearing their shoes without slipping or the risk of falling. The rooms are all temperature controlled and the showers / change rooms have all been revamped.



Leading into the bike room is a automated swing door controlled by access control ensuring a high level of safety and

security.

Our client approached Leda and took up our free design layout service. We provided the client with three layout options and he decided to go with a mix of Leda BR2101 vertical racks and our CBR45C horizontal racks caters for 68 bikes. The facility is not quite ready for general use but already has attracted an enormous amount of interest.

## Electronic Lock System

Securabike's new electronic lock system allows the specific allocation of bicycle parking spaces to individual users.

Cyclists will badge their proximity card to enter the shelter or bike parking area and go to their allocated spot to find the space ready to park their bicycle. After putting the cable around their bicycle, the tab is inserted into the lock and the bike parked. To release the bike, the cyclist simply enters the room and it will happen automatically. The system designed by our Perth team can operate as part of an existing building access control system or stand alone. Contact our team for more information.



## NEW FROM SECURABIKE



## Polycarbonate Shelters

Securabike's new polycarbonate shelter designs have 99% UV protection while allowing natural light. They are also strong and meet the following standards.

AS1170.1 - 2002 Balustrade Loadings, AS1530.3 - 2009 Early Fire Hazard Test, AS1562.3 - 2006 Impact Test (includes 10 year old panels), AS3837 - 1998 Heat and Smoke Release Rates (Fire Group 3), AS4040.3 - 1992 Resistance to Wind (cyclonic), AS4040.4 - 2006 Resistance to Impact, BCA 2007 B1.2 Cyclonic Regions, BRANZ Appraisal 2006 Certificate 527, ROHS Compliant Restriction of Hazardous Substance Lic 24727.



# GATES



## Physical Security Upgrade

A Global food manufacturer located in regional Australia requested Leda partner with them to upgrade the Physical Perimeter Security of their large plant.

Leda was commissioned to design, manufacture and install various Cantilever, swing and heavily raked Track gates as part of the Perimeter Security upgrade.

Considerable planning was required to meet strict deadlines while at the same time insuring our work did not interfere with the plants schedules. Two installation teams from our Victorian branch undertook the work in heat wave conditions and our thanks go to them for successfully completing the project on time.

## A Very Long Gate

Leda's Victorian team was recently engaged to manufacture and install a very long security sliding gate for a transport storage area.

This new business has acquired a large parcel of land in the south eastern suburbs of Melbourne that will be transformed into large truck parking bays that is capable of storing up to 180 trucks.

The bays are made available for short and long term parking and each truck is granted access for the period required via IP based GSM unit managed by the parking company

With this large security gate, Leda also needed to install a pedestrian gate and camera poles to provide peripheral security.



## Country Fire Authority (CFA)

Country Fire Authority (CFA) Echuca has a new station just completed and a security solution was required for the front of the property. As there is a mix of volunteers and staff that require access at various times it was decided that access through perimeter gates should be multi tiered.

Leda worked directly with CFA management and this made the project very easy to coordinate.





# GATES

## Ferry Gates

Leda partnered with Waterway Constructions to develop pedestrian entry and exit safety gates for the Watsons Bay Wharf. The end client were the "NSW Roads and Maritime Services".

The swing gates are fitted with NICE Hopp7124 motors which were chosen as they have minimal pinch points making them the logical choice for use with the public. Leda's production staff further designed extra safety by building a shroud to conceal the motors.

On the entry gate the public will line up behind the entry gate and if the ferry is a Maritime run ferry they would approach and open with a remote control. If it was a private provider they would get off the boat and press a green open button which is located on a bollard on the wharf. Once the gate opens a 30 second count down will begin, if a person does not cross the PE beam after 30 seconds the gate will close.

The exit gate is a 'free to exit'. When someone crosses the PE beam to exit the gate will open. After 30 seconds and if no one passes through the gate will automatically close. The exit gate is set up that if the gates starts to close after 30seconds and someone crosses the beam then the gate will reopen.

The gates are fitted with bump strips for added safety.



## Goulburn Valley Water

Goulburn Valley Water are in the process of upgrading their Shepparton depot site. They are reconfiguring the road ways and updating the security on site.

Leda have just completed the installation of two large bi-parting cantilever gates for the depot. The gates will be set up as independent from each other and will be used as Entry and Exit gates. There is still significant works to be completed on site however it was important that the gates went in early to offer some security.



# GATES

## Rockhampton Hospital ICU Gate

Leda Security Products QLD office was contracted by F K Gardner to supply and install an unusual new gate at the Rockhampton Hospital.

It was identified that the ICU ambulance bay was in full view of public entering the building so a screen and personnel gate would be required.

The client decided to use a Leda undercarriage Cantilever system which was installed using Chemset fixings to an existing concrete slab. This alleviated the need for civil works saving both time and money.

The Gate has colourbond infill panels and was manufac-



tured from aluminium to reduce its weight. The colour finish was chosen to complement the existing building and a fence and infill panel were also included in the project to match the gate panels.

This was a live worksite so the installation needed to be completed with minimal disruption to the busy ICU department. Careful planning and attention to detail by Leda staff enabled the installation to be completed in one day.

## Lobby Access Gate

Leda's WA office have recently completed a staff access "lobby access control" project for Oceaneering in Jandikot, Perth WA.

The purpose of the project was to assist Oceaneering in monitoring staff and visitors movement on and off site.



## Tricky Driveway

Leda recently completed a installation in Adelaide CBD where the entry and exit traffic needed to share the same road way. We needed to supply a set of high cycle boom gates and corresponding traffic lights that required to be connected via a PLC that would control the lights from red to green by activation from in-ground induction loops and an access control system.

Sounds simple but the configuration of the driveways at either end of the building provided our engineering department in the factory with a number of challenges.

# DOCKS AND DOORS



## Goods Lift

Shape Australia contracted Leda to design and manufacture an external goods lift with a 1000kg capacity for ACT Health at Canberra Hospital.

While only requiring a small height lift it still required safety rails and shields to ensure maximum safety. Leda's engineers also designed a safety interlock system.

Once again Leda were able to assist in custom designing a solution where standard product was simply not an option.



## Dock Seals

Leda recently installed 3 inflatable rubber "dock seals" for Australian Fresh Salads in Maffra (SE Victoria).

The seals when inflated expand to minimise the gap between the truck and building so are important for refrigerated buildings commonly found in the food industry. Of importance is the 3 year UV warranty on the rubber. Being subject to weather and sun constantly, a number of Australian businesses have learned over the years not to compromise on the rubber quality as the units can need to be replaced at regular intervals if the UV resistance is not sufficient.





## Duo-Gard Appointed Exclusive North American Distributor for Securabike

Canton, Mich.... Decembr 8, 2015.. Two international companied prominent in bicycle shelters. Storage, parking and security systems have announced an agreement. Duo-Gard Industries Inc, based in Canton, Michigan, will be the exclusive North American distributor for Securabike, headquartered in New South Wales, Australia.

Since 1993, Duo-Gard has been a pioneer in design, engineering and fabrication of bike shelters and systems that integrate high security and safety with architectural aesthetics. Offering both interior and exterior solutions with open and enclosed, standard and custom designs, Duo-Gard's shelters can incorporate leading-edge security options, a critical aspect of today's burgeoning biking industry.

Duo-Gard's bike systems were recently names one of the Top 10 Green Building Products for 2016 by BuildingGreen, an independent industry leader in green building information for the building and design communities. BuildingGreen cited Duo-Gard's wide range of styles and materials, including options for photovoltaics, as well as its commitment to alternative transportation with security for today's valuable bicycles.

"Specifiers agree that one of today's biggest challenges is maximizing available space, whether it's interior or exterior application," said Michael Arvidson, Duo-Gard's executive vice president. "Securabike's innovative high quality products will strengthen our strategies in design, space planning and security for bike parking and storage, whether the location is a college or corporate campus, a city or residential area."

One of the worlds largest provider of bicycle parking equipment, Securabike is a division of Leda Security Products, founded in 1995. The company's products include bike racks, lockers, repair stations and cages. Securabike is expanding its reach into several new markets, including North America.

"Our research revealed that Duo-Gard is on the of best in the country," said Securabike CEO Richard Matthews. "We view this collaboration as the perfect complement for providing architects and property managers with solutions for the exciting yet challenging growth of bicycling in commuting and recreation."

Duo-Gard is also a leader in translucent daylighting systems, custom canopies and special-purpose outdoor structures. These systems contribute to LEED building design and implementation.

For more information, please visit [www.duo-gard.com](http://www.duo-gard.com) or call 734-207-9700.

## Christchurch Bus Interchange

Leda's New Zealand distributor CAM recently completed a major new Bike parking project at the Christchurch Bus interchange.

CAM have installed a number of Securabike's CBR2GS dual height bike racks.





## Builders Bollards Website

A new Leda website offering budget priced Bollards for industrial applications went live on the 17th December.

The new website offers builders easy and economical options when ordering Fixed, Base Plate, Retractable and Removable Bollards.



## Securabike Upgrade

Leda staff have been working tirelessly to complete the long awaited "Securabike Handbook" which will be available digitally during February.

While the new handbook contains new and improved bicycle parking products it has also been specifically designed to assist Architects, Developers and Builders to select and install products that will comply with changes to AS2890.3 and meeting Green star points requirements.

It is expected the new Securabike Handbook now in it's fifth reprint will be much appreciated and welcomed by Australia's building industry.

## High Security Contracts

During December 2015 Leda has been awarded a number of large contracts to supply and install Physical High Security and Anti-terrorist equipment and products at several high profile sites.

Leda has led the way over the past 20 years in this field and continues to be respected and consulted in developing solutions to protect Australia's iconic sites and vital infrastructure.

## Keeping it in the Family

George Varouhakis joins the NSW team in early January as the branches "Service and Installation manager".

There should be minimum time getting George trained up as his Company Pennoscan has been providing installation services to Leda for over 12 years.

Prior to that his Father Jim worked for Leda as well on installation work for 8 years.

We particularly welcome George to the Leda team appreciating the great service he and his father have provided us for the past 20 years.



## MESSAGE FROM THE MANAGING DIRECTOR



As we enter the start of 2016 and this publication of our 42nd Newsletter I do so full of enthusiasm for the coming year.

Leda is in its 21st year of operation and continues to grow and expand. During 2015 our dedicated staff successfully completed many challenging and difficult projects in Australia using our existing products or engineering solutions to do so.

At the same time our Bollard and Bike parking products are finding new international markets and Leda's (Ningbo) China operation continues to grow. During 2015 saw Leda Security Products (Ningbo) Co. Ltd relocate into much larger factory premises.

Back in Australia we have started the year on a very positive note with more than ample orders and contracts, particularly with our high security product.

We look forward to successfully working with all our clients throughout the year.

D.R. Matthews

Managing Director

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