



GUARDIAN
GANTRY HIRE

**OVERHEAD PROTECTION
FOR WHEN
SAFETY MATTERS**



**Our heavy-duty
Guardian Gantry**

exceeds safety requirements,
has a high profile appearance and can be
rapidly installed, so you save on costs,
reduce site downtime and have peace of mind.



Why choose us?

- ✓ **We make your site safer.** Our innovative Guardian Gantry system has been independently tested and certified to exceed safety standards of 10KPA.
- ✓ **We save you time.** We will use our expertise to help you ascertain what overhead protection will best suit your site. Using our 32-point SafeGuard assessment, we gain clarity about your project scope and specifications so we can design you the safest solution to your specific needs.
- ✓ **We help reduce your costs.** We reduce your site downtime and allow you to save on traffic control, crane hire and labour costs because our modular system allows the quickest installation and dismantle in Australia.
- ✓ **We enhance the appearance of your site.** Our sleek design and high-profile finish adds to the quality of your project. Our system is freshly painted white or your choice of corporate colours to suit the site, so not only is it a safe system, it looks good.
- ✓ **We believe in innovation.** Our experienced team fabricate all components of our Guardian Gantry system. You can be assured ours is the most modern overhead protection system in Queensland.
- ✓ **We work with you.** We create a customised solution that aligns with the unique time, cost and safety needs of your project.



GUARDIAN
GANTRY HIRE

View a selection of our work

We invite you view a selection of our previous work across Brisbane and greater south-east Queensland so that you can be assured of our expertise, safety record and quality of work.

If you'd like us to work together on your upcoming project you can be assured that:

1. Our innovative Guardian Gantry system allows the quickest installation and dismantle in Australia to reduce site downtime, and save on traffic control, crane hire and labour costs.
2. All of our gantries have been independently tested and certified to exceed safety requirements of 10KPA.
3. We can work with you to ascertain the most efficient overhead protection solution for your site requirements.

We've given a brief description of each project or image that you see, and there are video links embedded also.

View the images, watch the videos and even visit our gantries currently onsite.

We're confident you won't find a safer, more comprehensive solution for your site requirements.

Got questions? Give me a call on 0438 908 399 and we can chat; I'm happy to help.



PROTECTIVE TUNNEL & SITE SHED STORAGE

PROJECT OVERVIEW: To accommodate the construction of the Albert Street Cross River Rail station, a solution was created that would allow pedestrian passage and at the same time create space for site sheds and storage above.



PROTECTIVE TUNNEL: Between the Charlotte and Mary Street blocks, a 65m long protective tunnel was built spanning 6m wide. Ply hoarding was added to fully enclose the tunnel for pedestrian protection.



SIGNAGE ATTACHED: Signage was easily attached to the handrails above the tunnel and to the ply hoarding within the tunnel, as well as lighting as needed.



SITE SHED STORAGE & STAIRS: This tunnel was designed and engineered to include cantilevers so that side sheds could be stacked as needed on top, while still allowing worker movement alongside. Our cantilevers are also rated 10KPA. Multiple staircases were attached, including a fully enclosed staircase to prevent public access to the site.



HIGH PROFILE APPEARANCE: In keeping with the Cross River Rail brand colours, all products freshly painted dark blue before being delivered to site.



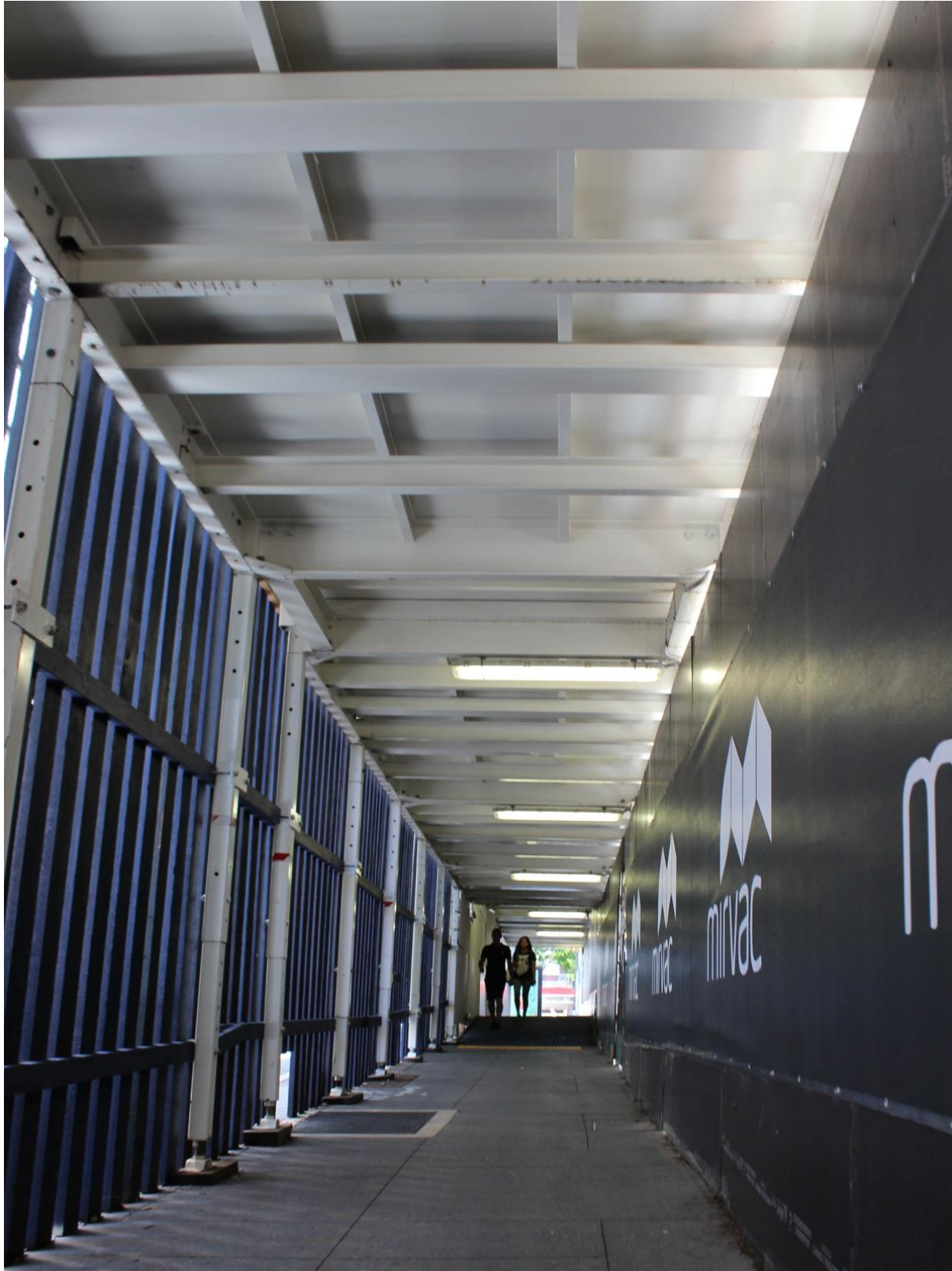
SERVICES ATTACHED: This protective tunnel is waterproof and dust-proof, and allows for services such as lighting and ducts to be attached throughout.

You can [watch a short clip of some of the 20,000 pedestrians that use this tunnel daily](#), taken in January 2020.

PROTECTIVE PEDESTRIAN TUNNELS

PROJECT OVERVIEW: This site in Ann Street, Brisbane contains a 45m tunnel which is partially enclosed on the road side, to allow public protection within the lifting zone.

On the side bordering the project site, 17mm black ply hoarding was added, which the client has attached their branding to.



PROJECT OVERVIEW: In a separate site (Turbot Street, Brisbane) for the same client, gantry was placed against a heritage-listed building, and again was partially enclosed. Images below clearly show lighting and signage attached by the client after our installation.



PROGRESS OVER STAGES: We have been involved long-term in the demolition and subsequent build of a residential build at 443 Queen Street, Brisbane. As work has progressed, more gantry has been added to site to form a pedestrian tunnel, enclosed on one side by a mesh screen, and full hoarding on the other.

Right:
Prior to demolition
2018



Below:
During construction
January 2020



25 STOREYS OF STACKED GANTRIES SIGNIFICANTLY REDUCED OUR CLIENTS CRANE COSTS

PROJECT OVERVIEW: Two residential towers were being constructed simultaneously side-by-side in Elizabeth Street, Brisbane.

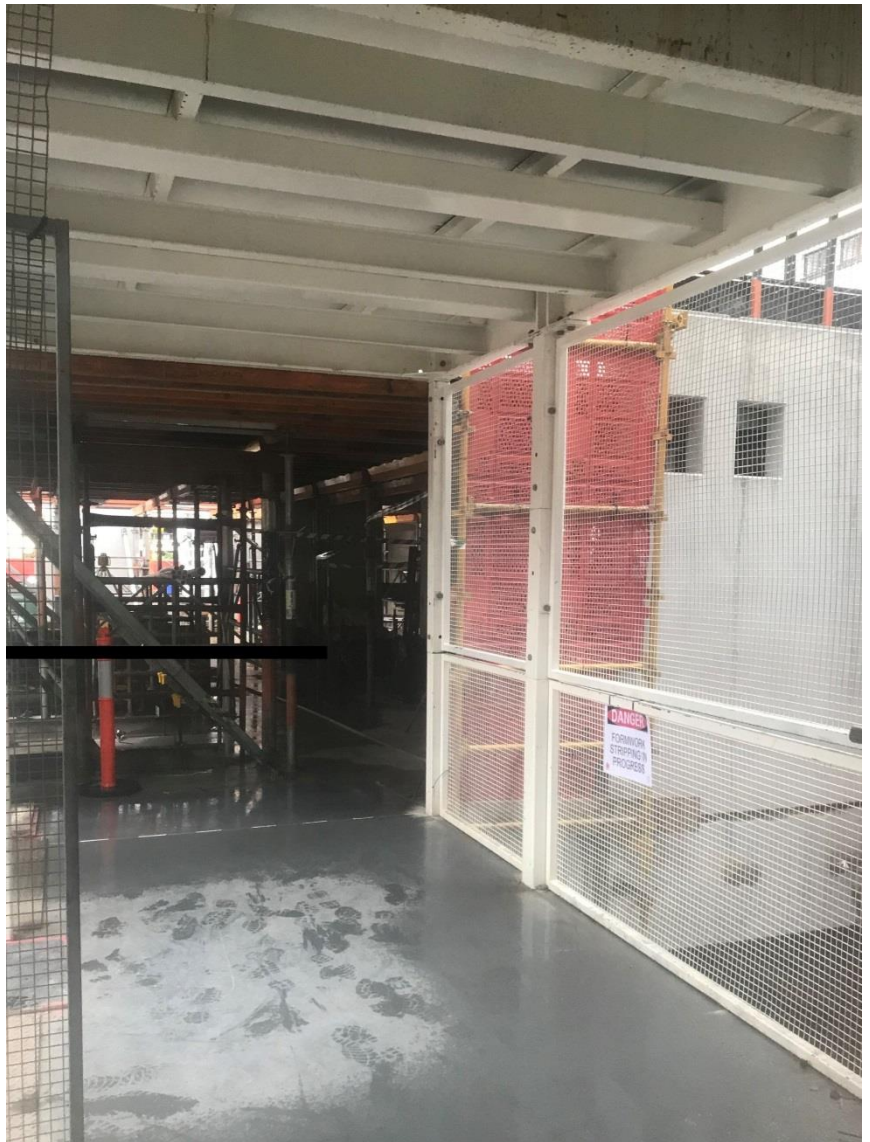


We engineered a solution that saved our client more than \$1 million by vertically stacking 25 storeys of our gantries upon each other.

This allowed our client to reduce the number of tower cranes required for the project duration.

The multi-level gantry provided a link way between the two buildings under construction with two material hoists attached to side of the gantry allowing for quick efficient delivery of materials to each level.

As the construction progressed, we continued to add new levels of gantry as needed.



The gantry was designed and manufactured in house and installed by our experienced crew.

Stacked on top of each other the final gantry on the 25th level was installed 180 meters above ground floor.

A major engineering achievement, a project we are extremely proud of delivering to our clients.

SLEEK DESIGN & HIGH PROFILE FINISH

We take pride in the sleek design and smooth painted finish so that we enhance the quality of your project. All of our products are painted white or your choice of corporate colours, and will arrive at your site freshly painted.

Below, a 100m white gantry was installed for footpath protection in front of the Brisbane Law Courts. Being a high-profile site, image and appearance was important to our client, so they elected to choose us as their gantry supplier.

You can [see some images taken the night of the installation](#) in November 2019.





Along the 100m length of this pathway, the slope required us to step up the gantry at various points to allow for minimum height requirements.

The gantries shown here are our standard 2.500 width, and are 5.000 long.

This is our most commonly used size, but given enough lead time prior to your project, we can manufacture other sizes to suit your site requirements.



SLOPING DRIVEWAY

To accommodate the steep slope of the driveway and the height requirements for vehicle access, we used multiple stepped platforms and hoarding to create a fully enclosed driveway.



This driveway is 15m long,
set at 4.8m high.

The gantry also continues
into the courtyard beyond
the roller door.

Location: Ann Street,
Brisbane



DOUBLE STACKED SITE SHEDS



With space at a premium at this high-rise build at Broadbeach, Guardian Gantry hire was contacted to supply heavy-duty gantry to support 2 levels of site sheds. This solution was independently tested and certified by an engineer to exceed a 10KPA rating.

Footings were carefully placed to avoid all services, and concrete counterweights were used for wind loads due to the height of the structure.

As shown in the drone shot above, the gantry straddles the footpath and the site itself, exceeding the width of the containers themselves, allowing for a full-length walkway next to the sheds.



Ply hoarding was added to one side of our structure for public protection and to allow advertising and signage to be added.

You can [watch a short video of this site in Broadbeach](#) to see more.



VEHICLE ACCESS BAYS

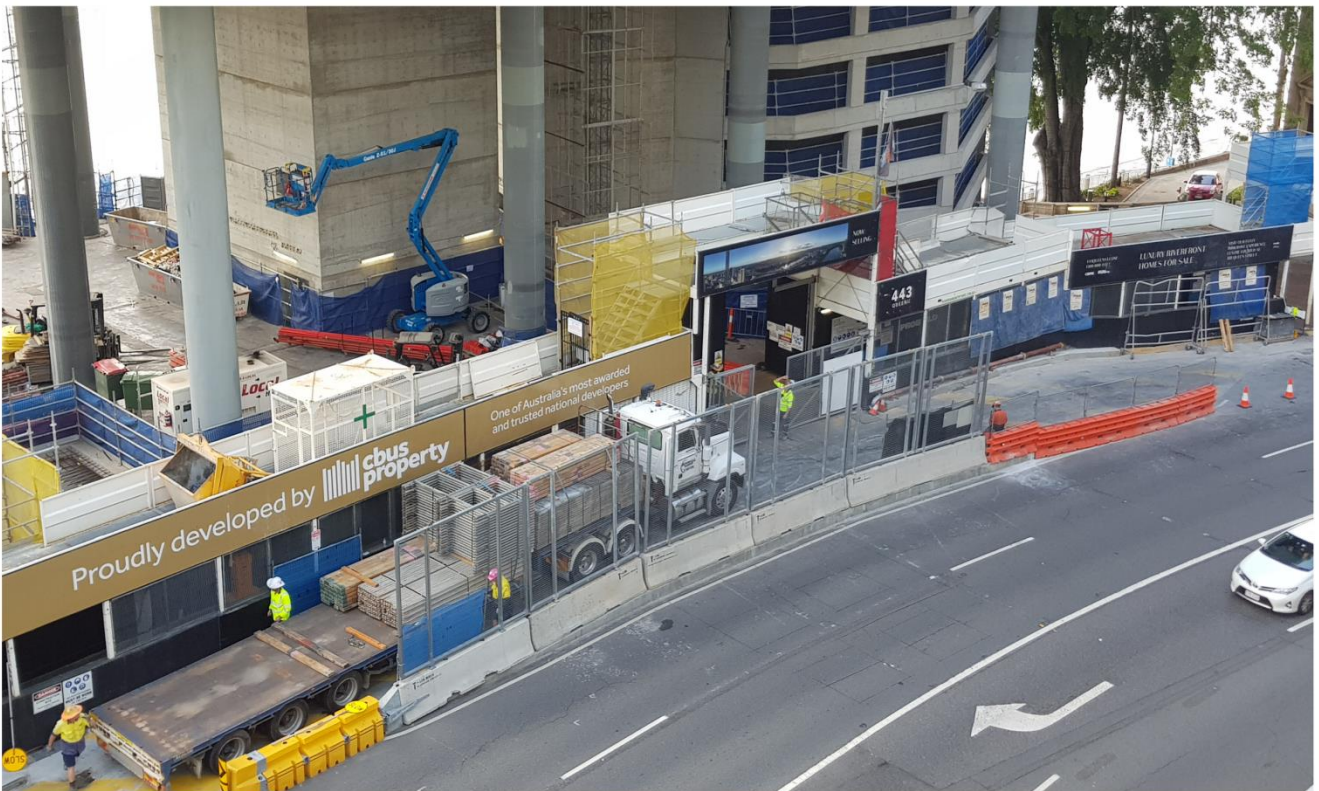
Vehicle access bays can be strategically placed along the frontage of your site as needed. Set at a height up to 5m, we can supply vehicle access bays up to 10m wide which allow you or the public safe and clear access to the site.



SIGNBOARD & SIGNAGE

Your advertising and signage can be attached to our handrails, or we can supply signboard panels up to 2.4m high, as shown below.





PROGRESS OVER STAGES: The images above are from the site at 443 Queen Street, Brisbane taken in 2018 and January 2020.

The second image clearly shows the differences in heights set along the gantry, with multiple vehicle access bays in the design.

The additional storage space this gantry creates is also easily seen from above.

You can also [see a video pan around of this site, as at January 30th 2020.](#)

SUPPORTING SCAFFOLD

It is very common for our heavy-duty gantry to be used to straddle the footpath, with a scaffold then being erected above. This allows you to maximise space on the site while being assured our gantry is engineered to withstand the loads imposed by the scaffold.





As our gantry has an extremely high KPA rating, far in excess of 10KPA, it can allow us to take very heavy scaffolding loads above.

ANATOMY OF A GUARDIAN GANTRY

We can't give away all of the secrets of our innovative Guardian Gantry system, but we can tell you it's:

- designed for heavy-duty situations when you need to be assured of safety,
- independently tested and certified to exceed safety standards,
- modular design allows efficient installation, minimising your site down-time,
- available in a range of standard sizes, and we can fabricate to suit your site specifications,
- sleek design and high-profile finish adds to the quality of your project,
- the most modern gantry system available in Australia

Safety is no accident, it's the result of intelligent design

HANDRAILS

Can be applied to your choice of sides to allow personnel access to deck, or storage.

DECK

Engineered to far exceed industry standard of 10KPA. Comes in a range of sizes to suit your site. Can span up to 10 meters long without the need for legs, to allow vehicular access. Design allows efficient installation on site to reduce your costs. Cantilevered decks can be attached, which are also rated to 10KPA.

LEGS

Height adjustable to allow for uneven surfaces, and to allow gantry to be set up to 5m high.

FEET

Allows firm placement of gantry, even on uneven surfaces. Designed to withstand heavy-duty loads.



Watch this clip to see [how we install a gantry](#) with a crane.

OUR SIGNATURE METHOD

We take safety seriously.

To ensure that the overhead protection solution we design for you is the most comprehensive and suitable for your site, we will work through our S.A.F.E. method with you.

S



STRATEGIC ASSESSMENT

Using our safety-driven proprietary assessment, we gain clarity about your project scope and specifications so we can discern your overhead protection needs.

- 32 point SafeGuard assessment
- Analysis of project scope
- Site specifications discussed
- Discussion of relevant safety regulations
- Exploration of cost-saving strategies to consider
- How the Guardian Gantry system can be used on your project

A



ALIGNMENT

Based on our SafeGuard assessment findings, we create a customised solution that aligns with the unique time, cost and safety needs of your project.

- Discussion of specific requirements such as stairs or stair access, ply hoarding, vehicular or crew access doors, and signboards for your advertising
- Discussion of budget considerations
- Discussion of length of hire needs
- Custom creation of a solution to suit your site, including site plan
- Flexible hire terms discussed
- Proposal sent for your approval

F



FABRICATION

Our experienced team fabricate the components of our patented Guardian Gantry system that are needed to suit your job.

- Guardian Gantry is the most modern overhead protection system in Queensland.
- Independently tested and certified to exceed safety requirements of 10KPA rating.
- Comprehensive 4-stage fabrication process of our patented design
- Extensive Quality Assurance program
- The Guardian Gantry system comes to your site looking new, every time.
- Freshly painted in white or your corporate colour of choice

E



EXECUTION

Our modular Guardian Gantry system allows the quickest installation and dismantle in Australia, arranged for your convenience.

- Coordinated installation with your site foreman to reduce downtime and save on traffic control, crane hire and labour costs.
- Modular system allows quick and easy install by our experienced team
- Quality Assurance and safety checks completed on-site after installation
- On-call support during hire period
- Quick and easy dismantle arranged at your convenience

There are no shortcuts to quality and safety.

We take a long-term project view when we work together, to ensure that we deliver the service to you on time, on budget, and exceed your safety requirements.

We take no shortcuts in quality and safety when we fabricate or install our innovative gantries.



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