

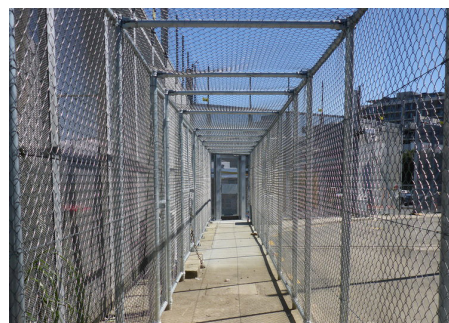
Prison + Detention

## Mt Eden Correctional Facility

### *Auckland Custody Unit - High Security Fencing*

Located in central Auckland, Mt Eden Correctional Facility recently constructed a new building, the Police Custody Unit, designed to accommodate detainees. As New Zealand's most experienced high security fence and gate company, Hampden Fence was engaged to fulfil the exacting high security requirements stipulated by the Corrections Department. Updates were undertaken while the main prison building remained operational.

Who do Arrow International call when it has a challenging project that demands a custom solution? Hampden Fence, as Rhys McKenzie, Project Manager for Arrow International says, "We've had a long association with Hampden Fence over the years and they always exceed expectations. High security fencing and gates systems in a high-risk environment need to be fit-for-purpose. There can be no mistakes. Hampden Fence always delivers." With more than 12 prison projects successfully completed around New Zealand, Hampden Fence can offer the expertise needed to deliver on the most complex high security projects.



# Case Study - Mt Eden Correctional Facility

## Key Project Facts:

- Expamet Expanded Metal high security fencing and double swing gates: 7m wide x 4m high / 6m wide x 4m high
- ArmourFence™ Palisade fence: 2.5m high
- ArmourFence Palisade cantilever sliding gate system: 4.5m wide x 2.5m high
- Pipe & Mesh Chainlink high security fence and gate forming a bail chute with roof, including several swing gates
- Heavy duty articulated arm system added to existing large vehicle security gates
- Various other high security fence modifications to suit new site layout

## Why Choose Hampden Fence For Your Next High Security Project:

### Finding a better way through design options:

Hampden took a close look at the unique requirements for the Auckland Custodial Unit during the design phase and recommended the best methods, components and products based on our experience.

### Knowing the products:

Hampden offered accurate solutions and 'fit-for-purpose' products that would achieve the appropriate result required for the Department of Corrections. The requirements varied throughout the site, and Hampden was able to recommend the most suitable product for each area.

### Making it specifically for you with custom fabrication:

Hampden custom-fabricated a wide range of gates for the site including, large complex gates that needed to perform under high wind loads. Each set of gates were fabricated using the most suitable product for their application and functionality needs. This included ArmourFence Palisade, 358 Expanded Metal Mesh and Pipe & Mesh.

### Getting it right from start to finish with our construction skills:

With proven experience and reputation of high security projects, Hampden has the necessary skills to undertake complex projects and ensure a quality finish. Our fabrication team is experienced, qualified and able to meet the demands of complex requirements.

### Powerful partnering with supply chain relationships:

With our supply chain and construction industry relationships, Hampden offers some of the best products in the market for high security solutions.

## Solutions Provided By Hampden Fence:

### Swing Gates – Expamet Expanded Metal Mesh

Expamet is a preferred choice for many prison environments. Not surprisingly, it was used on this site for its anti-climb and durable qualities. Accommodating access for large vehicles meant the gates had to be considerable in size and subsequently heavy duty to allow for regular use.

### Cantilever Gate – Armour Fence™ Palisade

Armour Fence™ Palisade is a robust system and superior high security product that is versatile, cost-effective and has great high security qualities. The three prongs at the top of each Palisade deters intruders and controls access in and out of the property. This product was used on this project as practical vehicle and personnel control.

### Automation

The challenge of specifying fit-for-purpose actuators to automate the main entry into the custodial unit (within the prison perimeter) was met by purpose-built heavy-duty actuators that have a 100% duty cycle and can accommodate the significant wind loading caused by the size and limiting open area of 35%.

### Pipe and Mesh Chainlink

This product was used to create a bail chute for the transfer of criminals, although with lower security properties it serves its purpose as a containment walkway.

For more information please visit [www.hampden.co.nz](http://www.hampden.co.nz) or call the Hampden team.