

## Project Case Study

**TOTAL  
CONSTRUCTION**

Concept to Completion

### Project

International Terminal  
Taxi Rank (Terminal 1)

### Location

Mascot, NSW

### Client

Sydney Airport  
Corporation Ltd (SACL)

### Project cost

\$2.5 million

### Completion

April 2011



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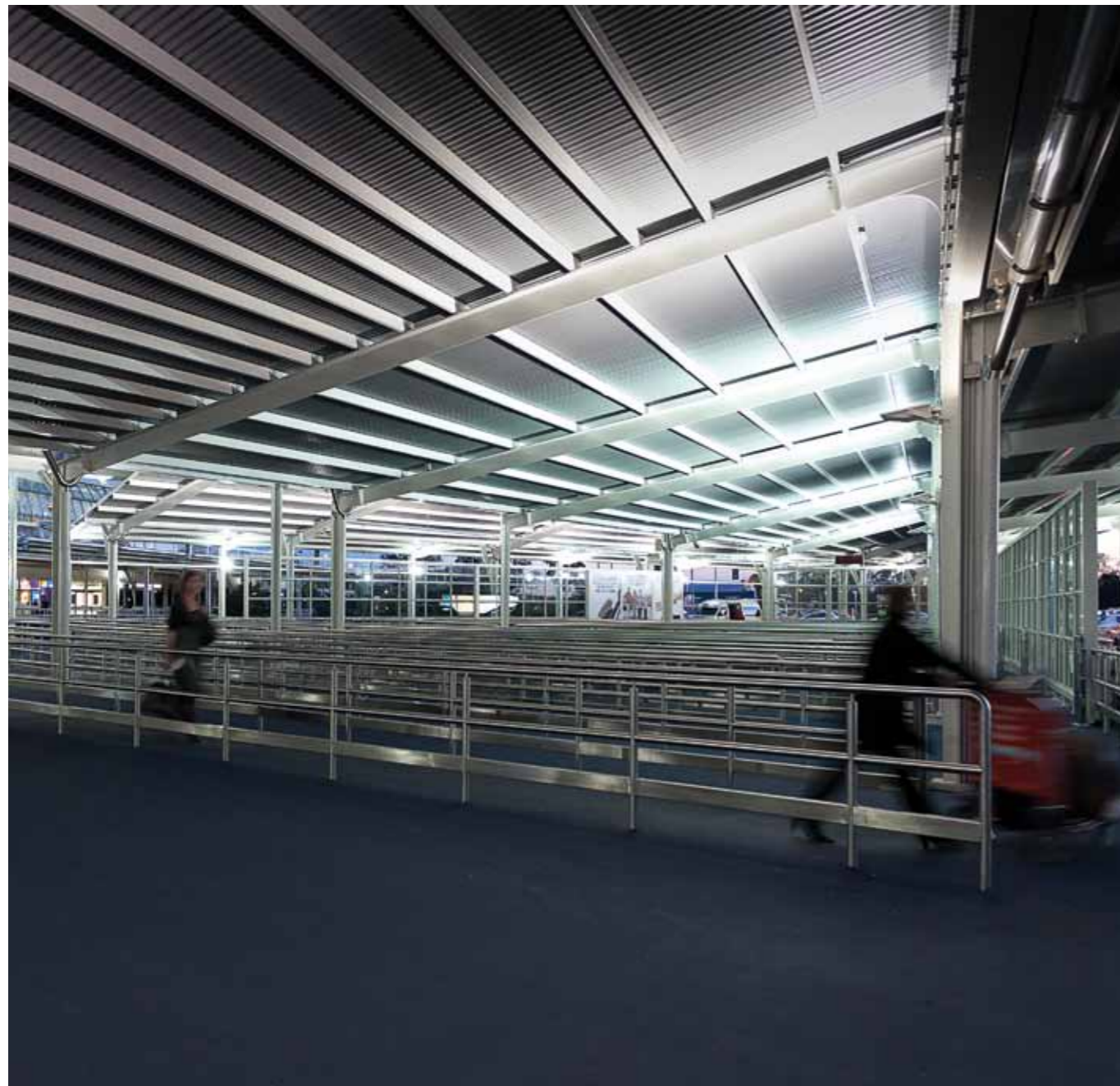
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## Project Description

Total Construction was engaged to upgrade and enhance the existing terminal T1 taxi facility located at Sydney International Terminal.

The existing taxi facility built for the 2000 Olympics was in need of an upgrade to cater for increased passenger numbers and to enhance the arrivals experience. The taxi facility is a key component of international passenger processing arrangements. The upgrade work includes the associated holding and feeder areas, modification of the arrivals road to provide greater capacity and improved access, efficiency and amenity for both taxi drivers and passengers.



## Significant project constraints and limitations

The works had to be carried out during curfew hours of 11pm and 5am to avoid interruption of normal operations and the work area cleaned and reinstated to a safe and serviceable condition each morning for the use by passengers and taxis.

Our challenge was to meet or exceed all criteria to minimise disruption, maintain a safe environment and to maintain good relations and cooperate with the public.

These constraints and limitations necessitated that the work be done in three stages:

- Stage 1** involved demolition of existing kerbs, stormwater drainage and services, removal of trees and garden beds, reinstatement of civil works and relocation of existing boom gates and associated communication and electrical works.
- Stage 2** required demolition of existing structural steel awning supports, placement of concrete pad footings to take new structural steel awning extensions and concrete piles to take new light poles. The roof was clad with Colorbond roof cladding and all other structural steel elements were painted with a protective coating to withstand the harsh environment.
- Stage 3** then proceeded with installation of the stainless steel corral, signage, new lighting, paving and landscape works.

