

# *FUTURE TRAVELLER CHALLENGE*

## *ARCHITECTS AT WORK*



CROSS RIVER RAIL  
EXPERIENCE  
CENTRE

IN PARTNERSHIP WITH

QUEENSLAND  
MUSEUM



Queensland  
Government



# WHAT IS ARCHITECTURE?

## ARCHITECTURE IS THE ART AND SCIENCE OF DESIGNING BUILDINGS AND OTHER PHYSICAL STRUCTURES.

From famous buildings like the Sydney Opera House, to shopping centres and even the playgrounds in your local park, architecture is all around us. Good architecture creates buildings and places that are suited to their purpose while also having a positive impact on your emotions.

Make a list of places you think an architect designed.

- |          |           |
|----------|-----------|
| 1. _____ | 6. _____  |
| 2. _____ | 7. _____  |
| 3. _____ | 8. _____  |
| 4. _____ | 9. _____  |
| 5. _____ | 10. _____ |

Boggo Road station exterior.  
Concept only – Subject to change.

# HOW DO ARCHITECTS WORK?

Designed for Brisbane's subtropical climate, the four new Cross River Rail underground stations are unique Queensland structures that will provide a world-class travel experience.

Watch the video about the station architecture. Note some of the design features that the architects incorporated into the station.

List some of the design features.

- |          |           |
|----------|-----------|
| 1. _____ | 6. _____  |
| 2. _____ | 7. _____  |
| 3. _____ | 8. _____  |
| 4. _____ | 9. _____  |
| 5. _____ | 10. _____ |



WATCH THE  
VIDEO HERE

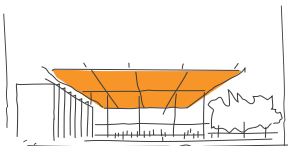


Roma Street station interior.  
Concept only – Subject to change.



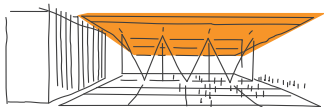
# DIFFERENT LOCATIONS, DIFFERENT STATIONS

Each of the four new underground stations has been designed to sit comfortably within and reinforce the unique identity of its location.



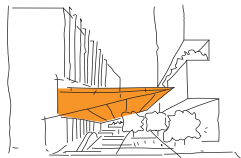
### ROMA STREET STATION

Signalling its importance as Brisbane’s key transport hub, the striking facade of Roma Street station is clearly visible from the surrounding streets. To acknowledge the historical significance of the original station, the heritage building is visible through the glass walls. The plaza to the east is a place for meeting and connection, providing fluid access to the station.



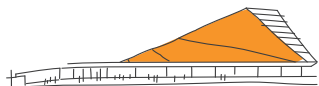
### WOOLLOONGABBA STATION

The canopy at Woolloongabba station acts as a continuous verandah around the perimeter, shading the interior and reducing internal heat. The v-shaped canopy columns reference its neighbour, The Gabba, where the columns are a feature. Woolloongabba station operates in two modes: a typical day serving the surrounding community, and event days with a higher volume of people.



### ALBERT STREET STATION

The first CBD train station built in more than 120 years, Albert Street station will dramatically improve connectivity to the CBD. A large canopy to the front is inspired by the verandahs of Queenslander houses. Cut-outs in the underside of the canopy will bring dappled natural light into the station entrance. The station will also have a second entrance, providing close access to Elizabeth Street and Queen Street Mall.



### BOGGO ROAD STATION

Skylights in the Boggo Road station canopy minimise the need for artificial light, reducing running and replacement costs. The sculptural roof recalls the pitched roofs of neighbouring Queenslander style homes, reinforcing connections with the local community. This station sits within a globally recognised health, science and education precinct.

# STATIONS FOR EVERYONE

New and innovative features included in the stations ensure that they are inclusive, accessible and functional.

Explain how these features will make train travel more accessible.



**BRaille MAP** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**HEARING AID LOOP** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**REST STOPS** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

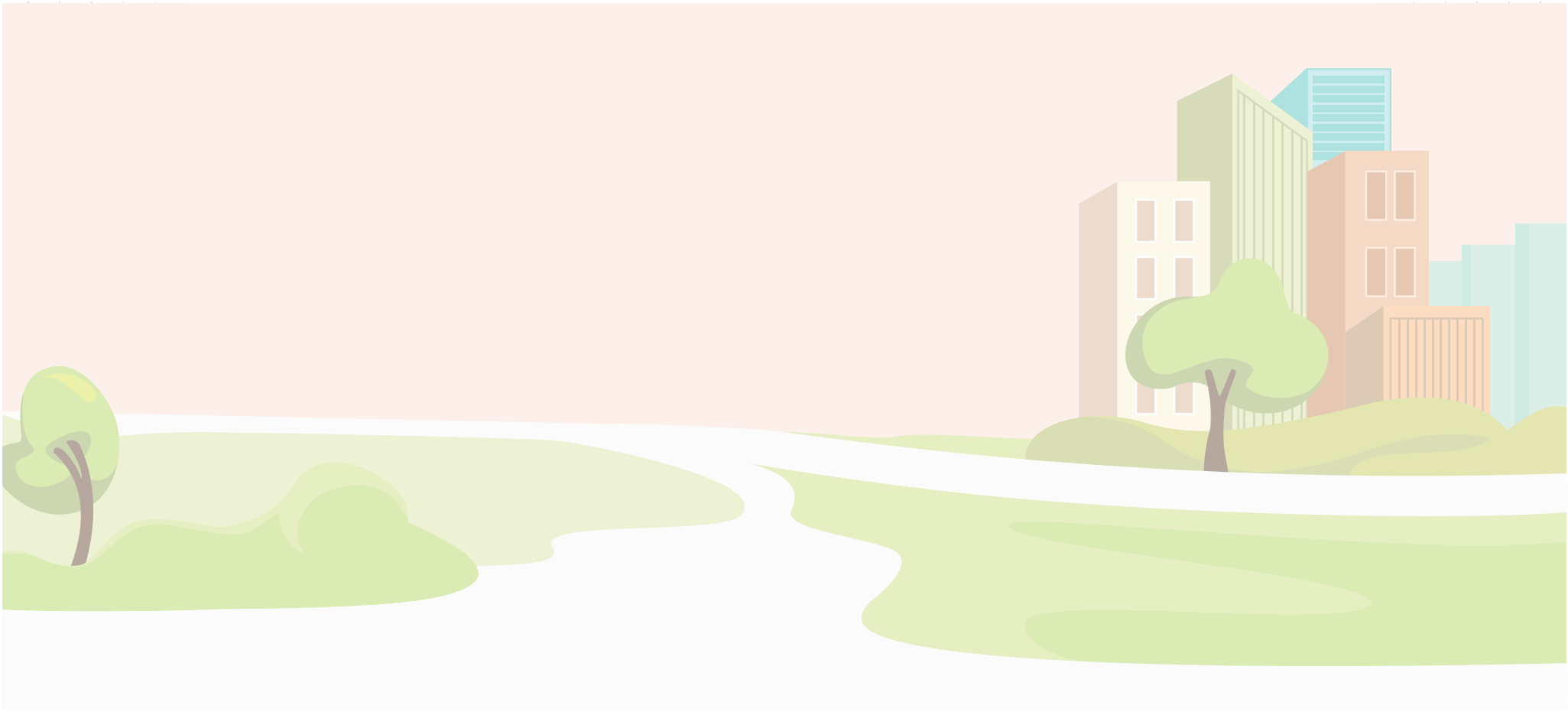
**ACCESSIBLE PARKING** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



**GAP FILLERS** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Now it's your turn.

Design a train station for your neighbourhood. Consider some features of your local area to adapt the canopy concept from the Cross River Rail stations.



Explain the features you have included in your design.

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The Cross River Rail Experience Centre is a community engagement and education hub developed in partnership with Queensland Museum. The centre provides detailed project information, digital engagement experiences and learning opportunities for school groups, members of the public and community groups.

The Cross River Rail Experience Centre offers school excursion and incursion opportunities, providing activities for students of all ages with interactive digital visualisation technologies, STEAM and HASS learning resources, cultural heritage content, and project progress information. Structured learning experiences of up to two hours can be tailored from a broad range of activities.

We also offer a dedicated program for schools on the Gold Coast to support community engagement and knowledge about the three new stations being delivered at Pimpama, Hope Island and Merrimac.

All education programs delivered by the Experience Centre are free. Maximum group booking size for the Experience Centre is 60 students.



**FOR MORE INFORMATION ABOUT  
THE EDUCATION PROGRAM, CONTACT  
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