

Canterbury substation fact sheet

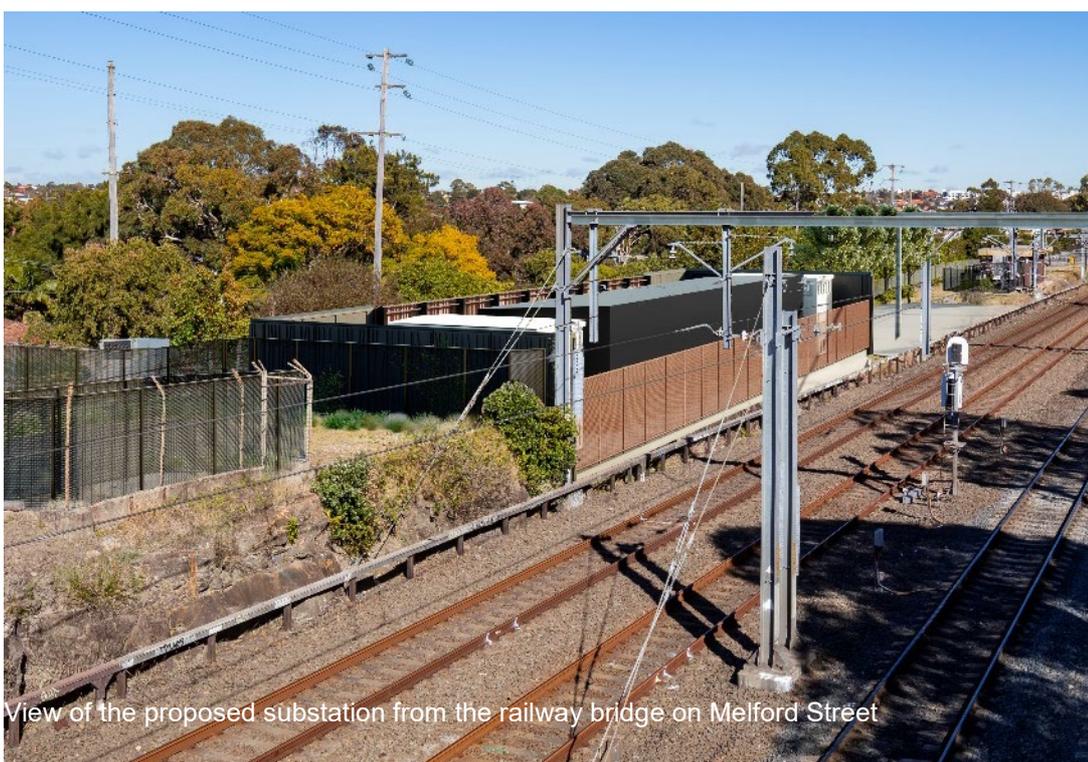
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What will the substation look like?

The substation design features textured panels on the street side with climbing vines. Artist impressions are below.



View of the proposed substation from Hutton Street, Canterbury



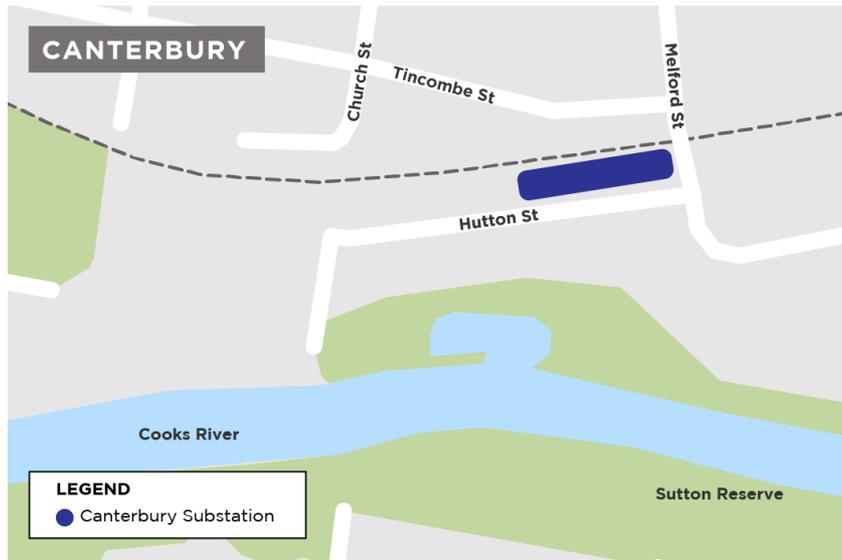
View of the proposed substation from the railway bridge on Melford Street

What size is the substation?

The substation at Canterbury is expected to be about 44 metres long, 12 metres wide and 4 metres tall. The fencing is expected to be about 8 metres high.

Where will the substation be located?

The Canterbury substation will be located in the rail corridor on Hutton Street. A map of the location is below.



What was considered in designing the look of the substations?

The substations have been designed to blend into the local environment and have a consistent appearance across the rail corridor.

Their design draws on both the natural and rail environments where they will be situated, with the colours used in the designs drawing from both their natural and industrial settings. The designs use the blacks and charcoals found in the Australian bush. The green walls are reminiscent of the local landscape and the reds draw from the ground and rusted iron rail tracks. The vertical patterns have been designed to imitate tree trunks.

The height of the walls and enclosures have been kept as low as safely possible with consideration given to visual impacts for residents.

What will the cladding be made of?

The proposed cladding is made of weathered profiled and perforated coreten steel sheet on three sides and security mesh fencing on the side facing the rail corridor.

Additionally, standard rail corridor security fencing made of galvanised steel is required around the driveway and front of the substation.

Why has this cladding been selected?

The cladding was selected for its ability to visually screen and reduce noise coming from the substation, while allowing ventilation for the equipment. Additionally, the following elements were considered:

- Inclusion of patterns to help break up the walls
- Use of durable materials needing little maintenance

- Security of the substation
- Graffiti resistance
- Minimising construction impacts by using modules which can be built offsite to keep onsite work at a minimum.

What colour is the cladding?

The proposed cladding is a light rusty brown which is the natural pre-weathered finish of the 'coreten' steel.

Will there be changes to local parking?

We will need to temporarily remove street parking to allow us to build the substation. We will write to you with more information about our construction work before we start work onsite.

Will you need to remove trees onsite?

We will need to remove some trees in order to build the substations, these will be replaced in accordance with our Planning Approval. We will write to you with more information about tree removal before we start work onsite.

What type of landscaping is included?

Vegetation which is consistent with nearby established landscapes will be considered with low maintenance, drought resistant plants preferred.

How can I find out more about the substation construction and operation?

For more information on the substations or to register for email updates phone **1800 171 386** (24 hour community information line) or email us at LinewideMetro@transport.nsw.gov.au