Canal to Creek

WestConnex | Transurban

VADEA NSW
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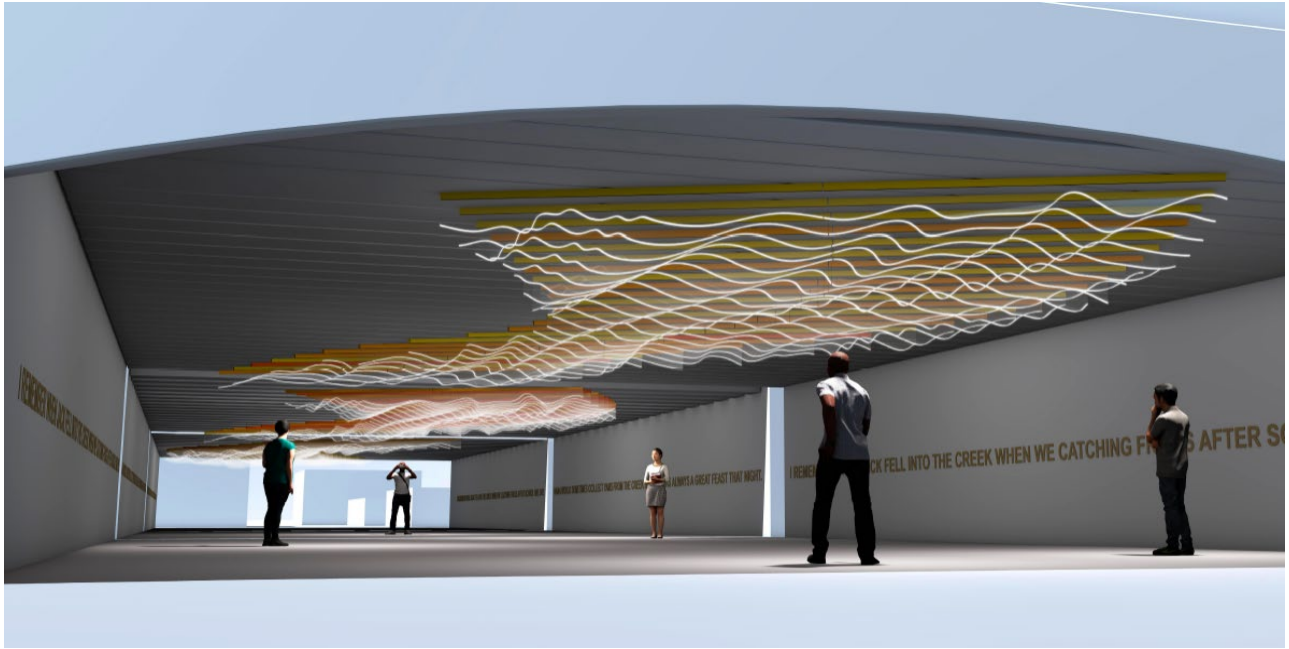
Wolli: WARREN LANGLEY

ARTIST CONCEPT IMAGE

Concept

***WOLLI:* WARREN LANGLEY**

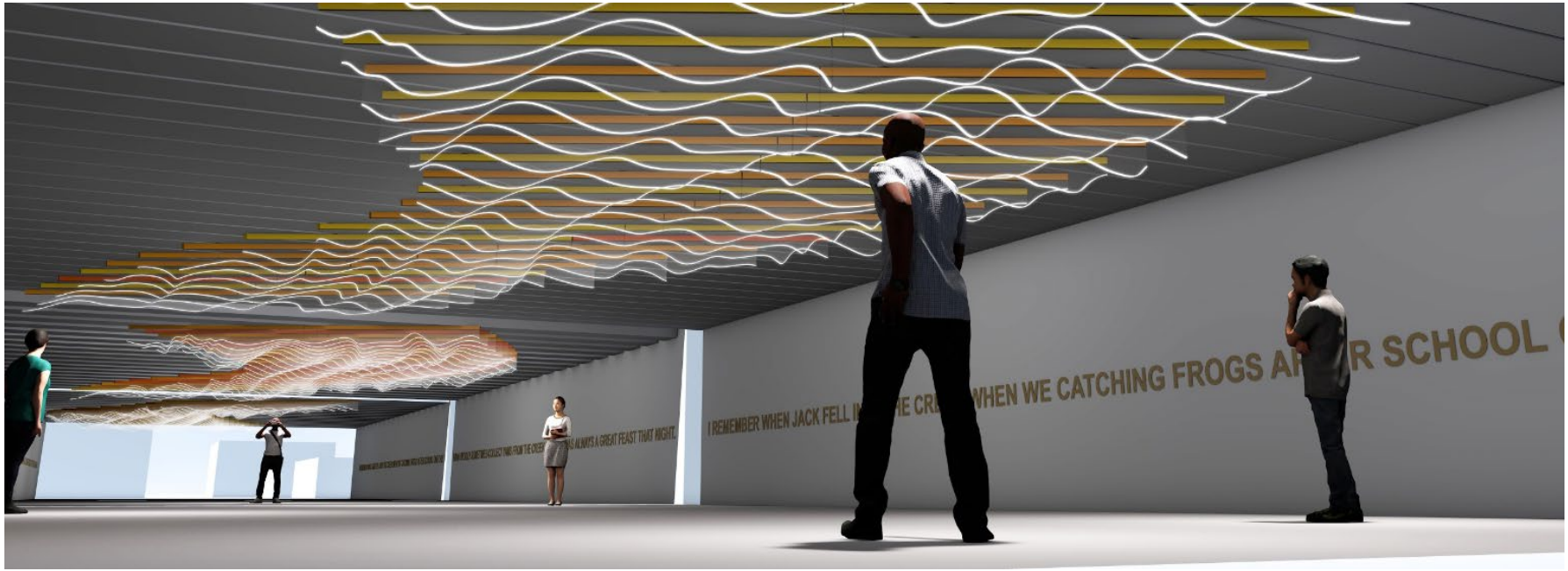
- Sculptural light installation
- WestConnex *Canal to Creek* Public Art Commission
- Kindilan pedestrian underpass, Linear Park, Sydney NSW
- Materials: polycarbonate, concealed LED lights, powder-coated aluminium brackets, paint (walls, text), anti-graffiti coating (walls)



ARTIST CONCEPT IMAGE

Concept

***WOLLI:* WARREN LANGLEY**



ARTIST CONCEPT IMAGE

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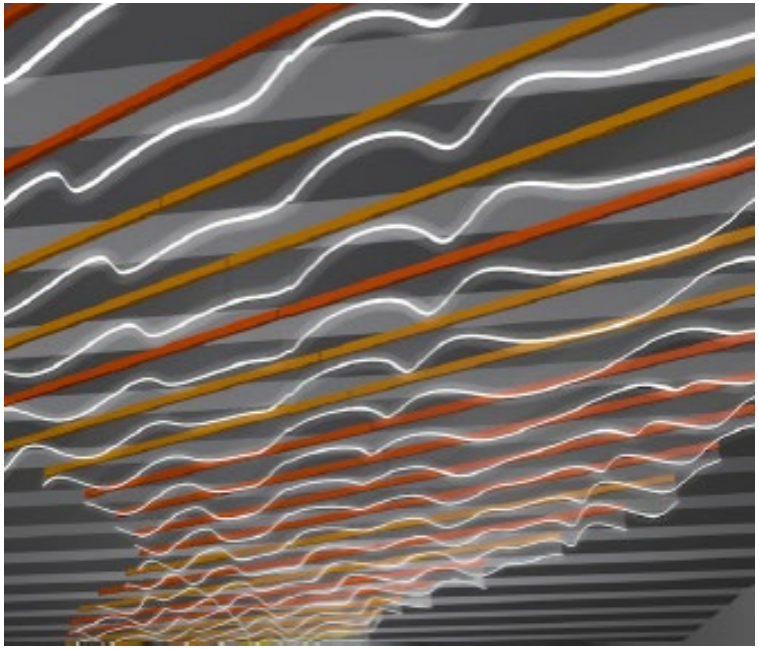
Concept

***WOLLI:* WARREN LANGLEY**

- Progressive Revelation
- Lo-tech & Functional
- Experiential Artwork
- Psychology of Place
- Constant (Time)
- Community Collaboration



ARTIST CONCEPT IMAGE

Concept

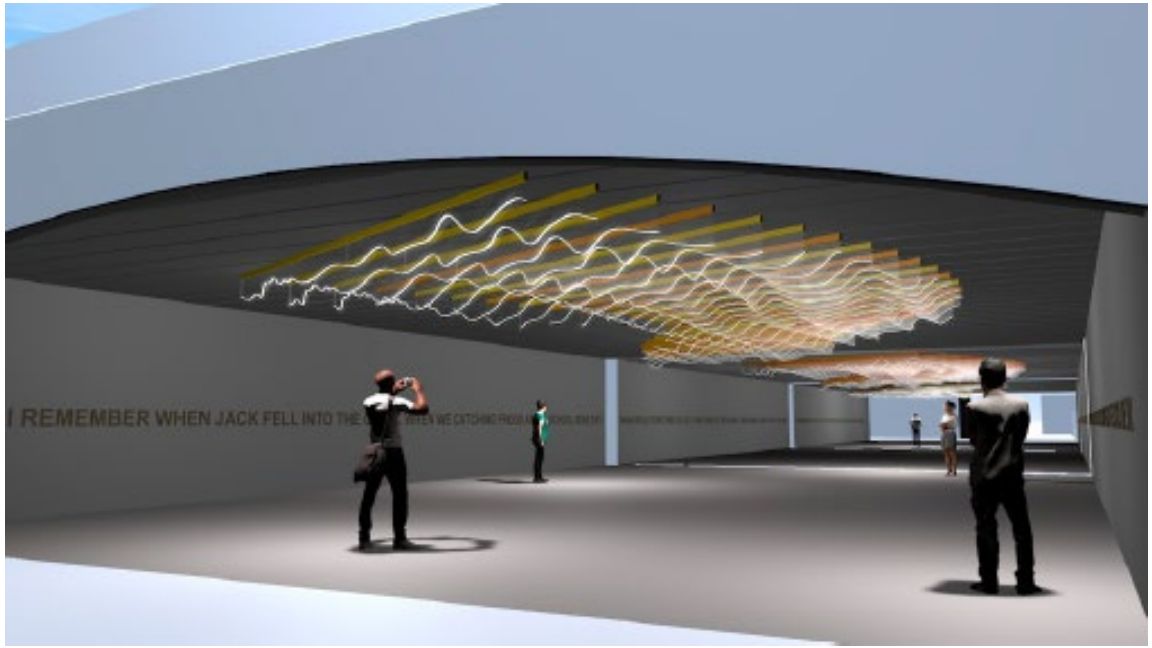
WOLLI: **WARREN LANGLEY**

Materials

- paint (walls, ceiling, text)
- anti graffiti coating to walls
- powder coated aluminium brackets
- concealed LED light source
- Polycarbonate

Maintenance

- Each sculptural element is plug and play and independently powered
- LED replacement snap in /snap out system
- Artwork maintained as part of routine tunnel maintenance
- Wipe down polycarbonate (half day exercise with scissor lift)

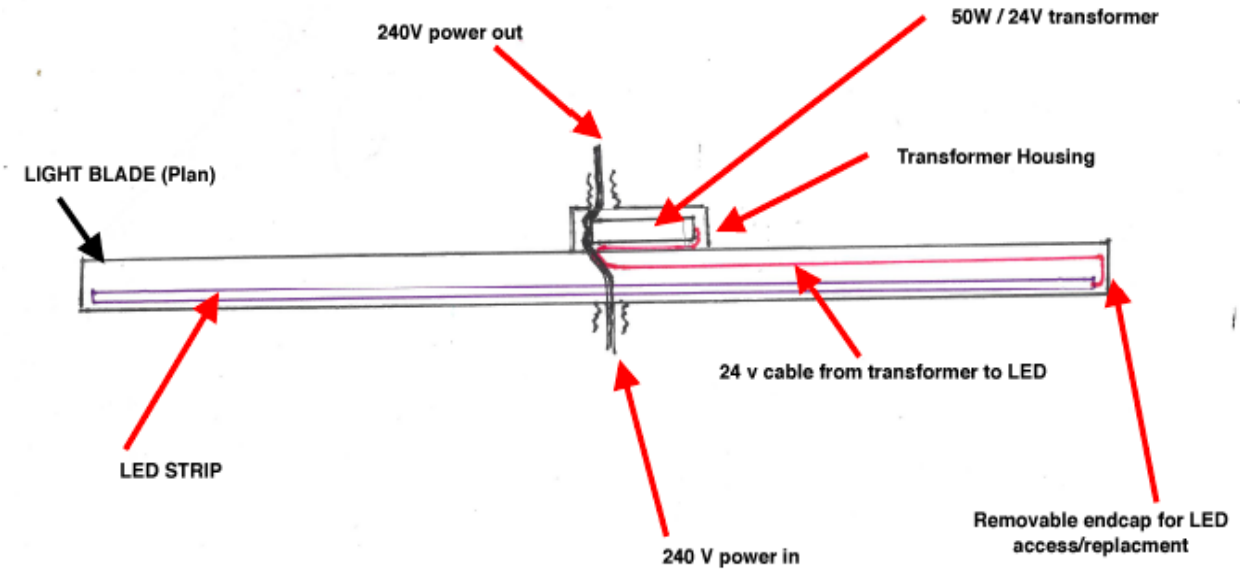


ARTIST CONCEPT IMAGE

Light Blade Design

WOLLI: **WARREN LANGLEY**

- Each 3m light blade contains a single module of translucent LED cable
- This length of light cable is easily accessed via a removable end cap which allows simple access for any future replacement

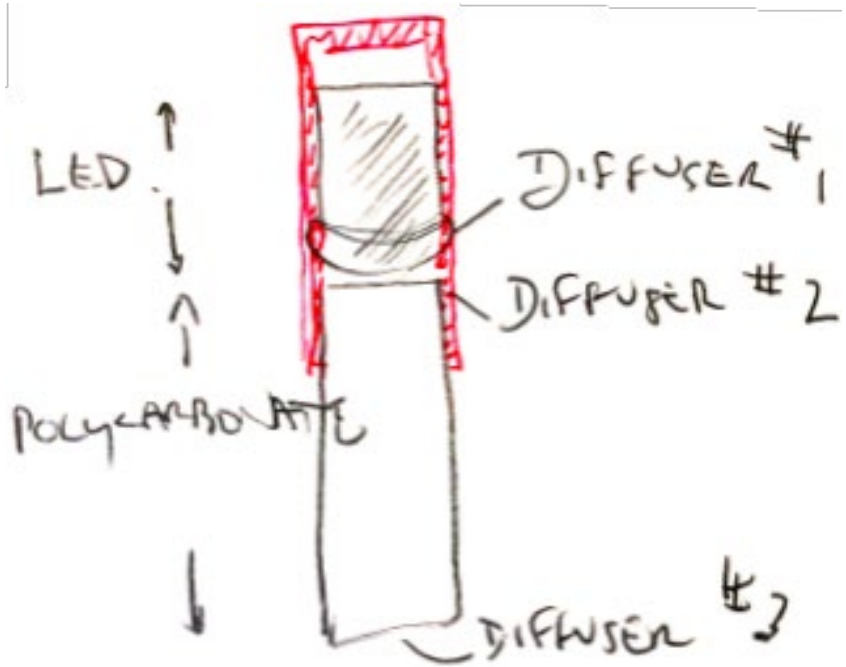


ARTIST CONCEPT IMAGE

LED Longevity Enhancement

WOLLI: **WARREN LANGLEY**

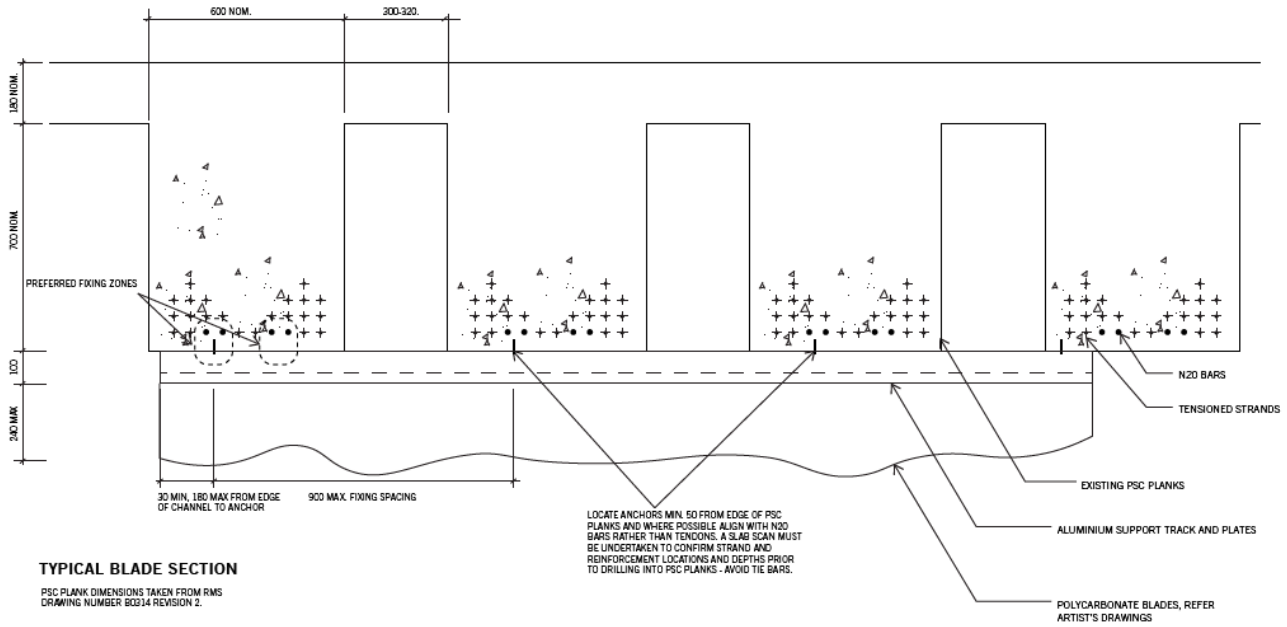
- A unique triple diffuser arrangement contributes in a major way to maintenance.
- The three times diffused light means that failed LEDs do not register.
- It is considered that random failure of up to 20% of the LEDs would not be noticeable.
- In the event an entire length needs to be replaced it is a simple snap in snap out system like a long neon tube.
- Each light module is individually powered. The entire tunnel lighting cannot fail except for entirely external causes.



ARTIST CONCEPT IMAGE

Typical Blade Section

WOLLI: **WARREN LANGLEY**



TYPICAL BLADE SECTION

PSC PLANK DIMENSIONS TAKEN FROM RMS DRAWING NUMBER B0314 REVISION 2.

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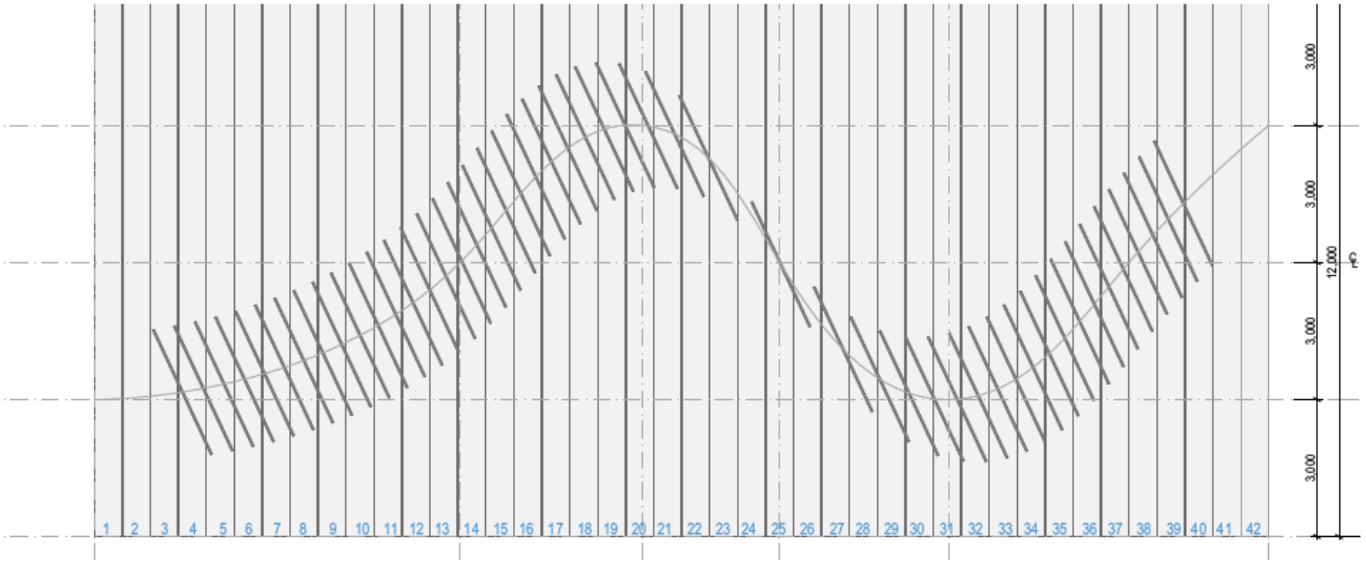
Reflected Ceiling Layout

WOLLI: **WARREN LANGLEY**

During design development and subsequent to client approval a re-configured layout composed of a greater number of light blades, 3m in length and with a more sinuous pattern was considered desirable by the artist. The following images show the reflected ceiling plan (distribution) of the light blades in the three sections of the underpass moving from east to west (section A, section B and section C).

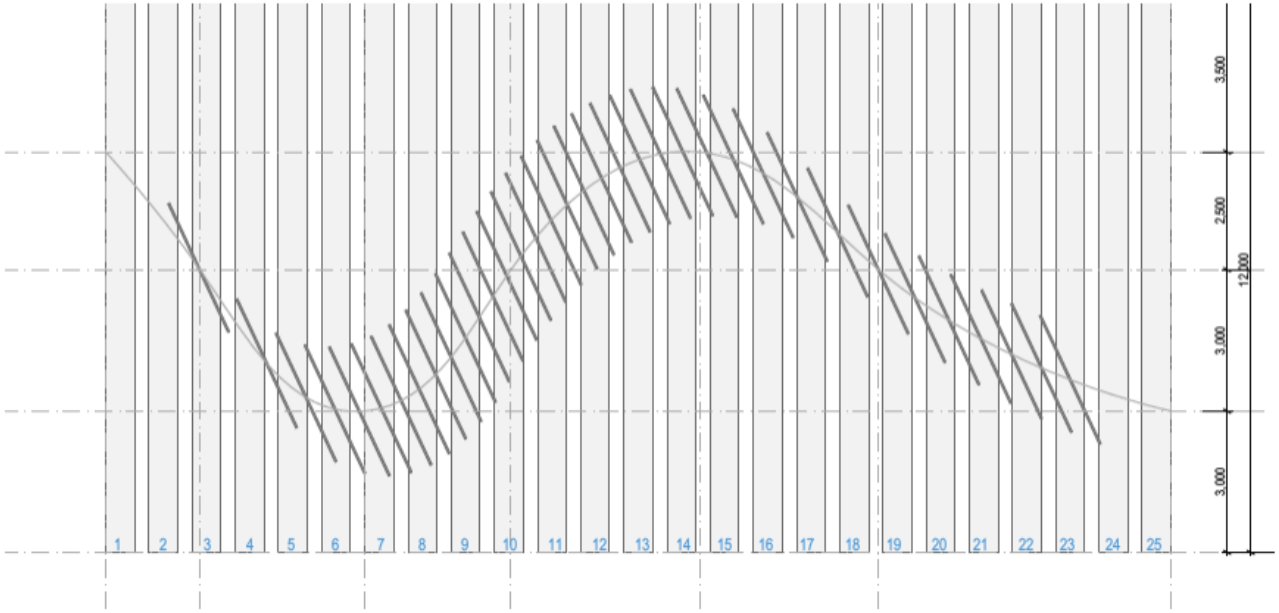


Section A

ARTIST CONCEPT IMAGE

Reflected Ceiling Layout

WOLLI: **WARREN LANGLEY**



Section B

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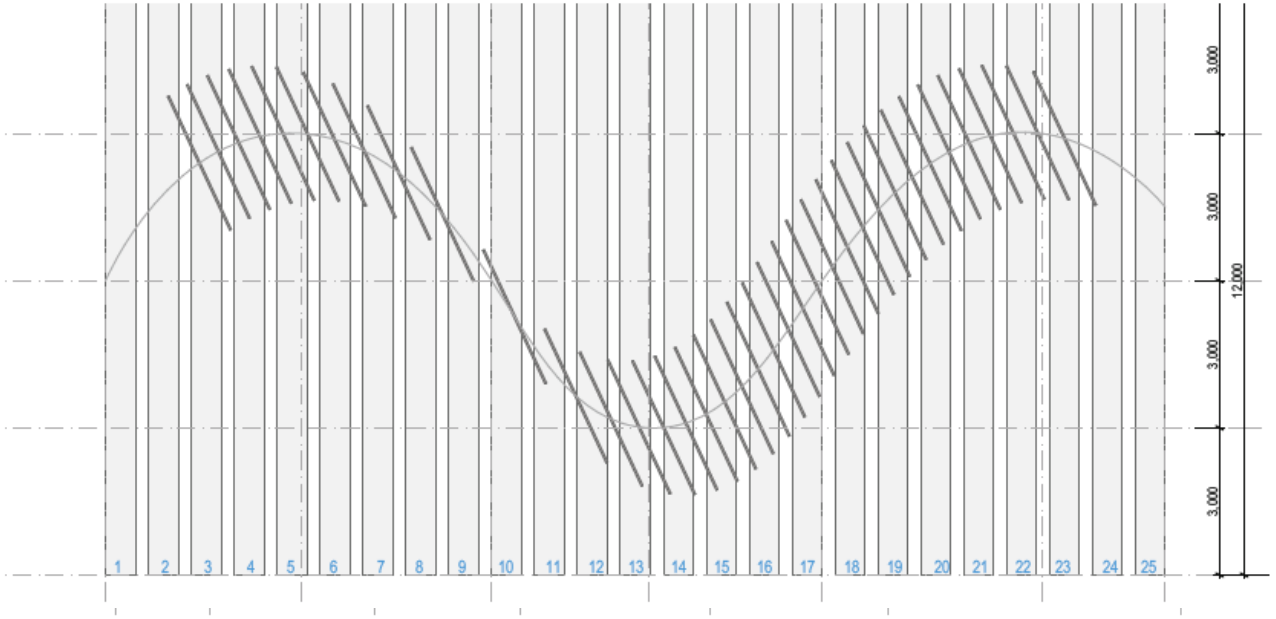
Reflected Ceiling Layout

WOLLI: **WARREN LANGLEY**



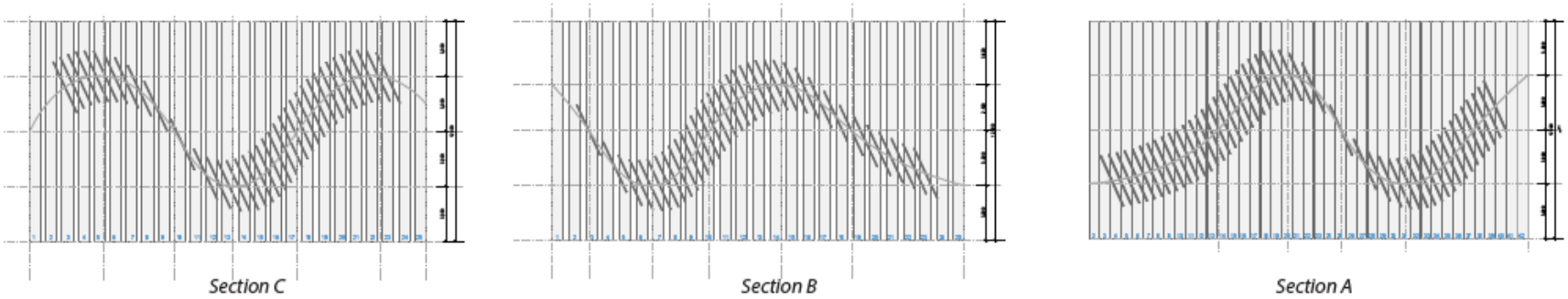
Section C

ARTIST CONCEPT IMAGE

Layout Sequence

WOLLI: **WARREN LANGLEY**

Diagram showing continuous layout through sections A, B and C.



ARTIST CONCEPT IMAGE

Wall Text

***WOLLI:* WARREN LANGLEY**

Using the resources provided by Hurstville and Rockdale libraries, the St George Historical Society and Local History head Kirsten Broderick at Bayside Library, local students were engaged on a paid basis to help research the material provided.

Wolli Creek had its own swimming holes that were frequently patronised by the local skinny dipping lads

The local boys would bribe the guard on the train with billy-cans of blackberries and eggs to obtain a ride on the train

Occasionally the more daring lads would try to steal a cabbage or two form the market gardens

Mother used to make all our school hats from the leaves of the cabbage tree palms which grew wild in the creek gully

The man and his wife were seated on their knees in the canoe, in which they had a fire on a flat stone

The Chinese took their vegetables to the markets in a horse drawn wagon, in the early hours of the morning

Text Sources

***WOLLI:* WARREN LANGLEY**

The text selected for the underpass sidewalls was taken from extensive research using the following documents:

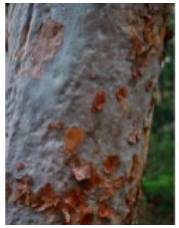
- River Dreams: people and landscape of the Cooks River, by Ian Tyrrell (call number: 994.41 TYRR)
- Aboriginal history along the Cooks River, by Dr Paul Irish (call number: LS 994.411 IRIS)
- The Wolli Creek Valley: a history of survival, by Brian Madden & Lesley Muir (call number: LH 994.41 WOLL)
- The story of stone in the Wolli Creek Valley, by George Morgan (call number: LH 994.411 WOLL)
- The early history of the Wolli Creek Valley, by Gifford Eardley (call number: LH 994.411 EARD)
- Uncovering the Hidden History of the Wolli Creek Valley: Archaeological Investigations in the Wolli Creek Valley, by Graham Craig Wilson (call number: LH 994.411 WILS)
- The Cooks River Alliance http://cooksriver.org.au/
- The Wolli Creek Preservation Society http://www.wollicreek.org.au/
- The Dictionary of Sydney: https://dictionaryofsydney.org/natural_feature/cooks_river

Colour Palette

***WOLLI:* WARREN LANGLEY**

- The artist collaborated with the St George photographic society to develop a local colour palette for the installation.
- Langley held a photographic competition for members, challenging them to take photos which best captured the natural colours of their local environment.
- From the winning photos, Langley collaborated with a colour consultant to arrive at the colour selection for the various painted surfaces and powder coated light blade brackets within the underpass.

Wall / Ceiling



Lighting Bracket (Housing)

Wall Text

Concept

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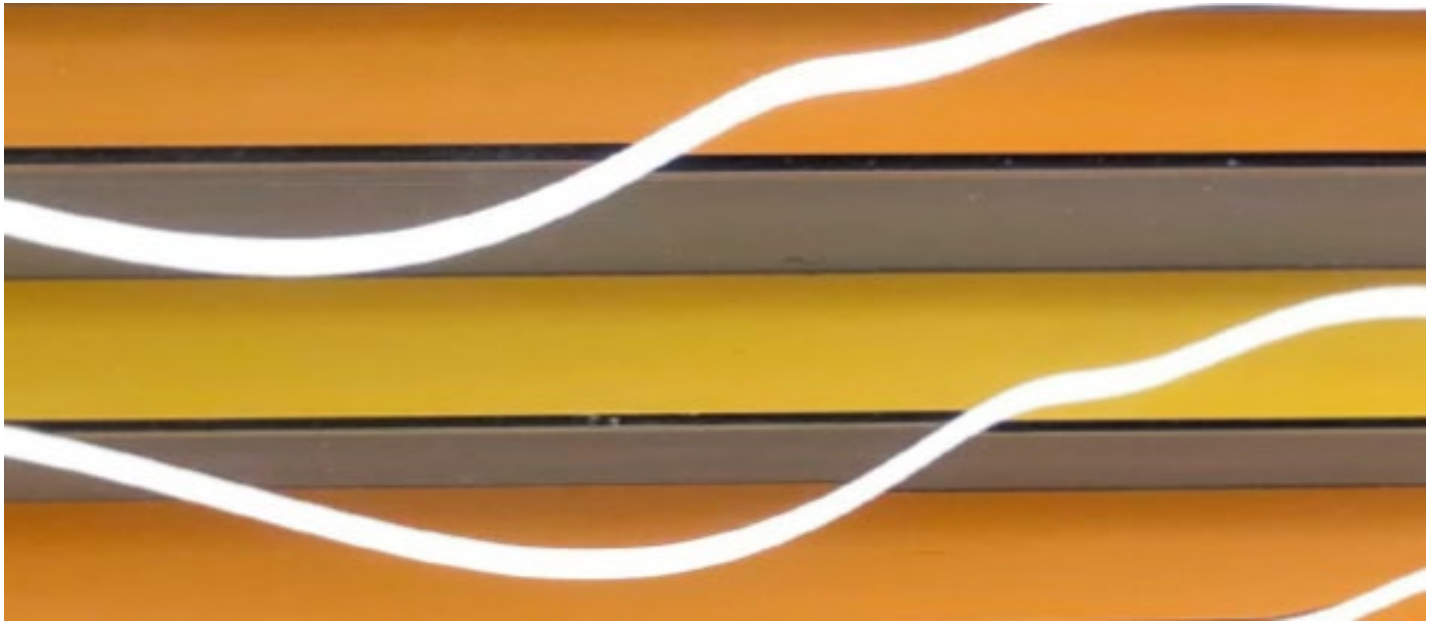
Concept

***WOLLI:* WARREN LANGLEY**

What I do is really a very direct response to the site. It's not like I've got this idea and I'm just looking for somewhere to [put] it. Usually, it'll be something inspired by the site that brings about the idea.

– Warren Langley

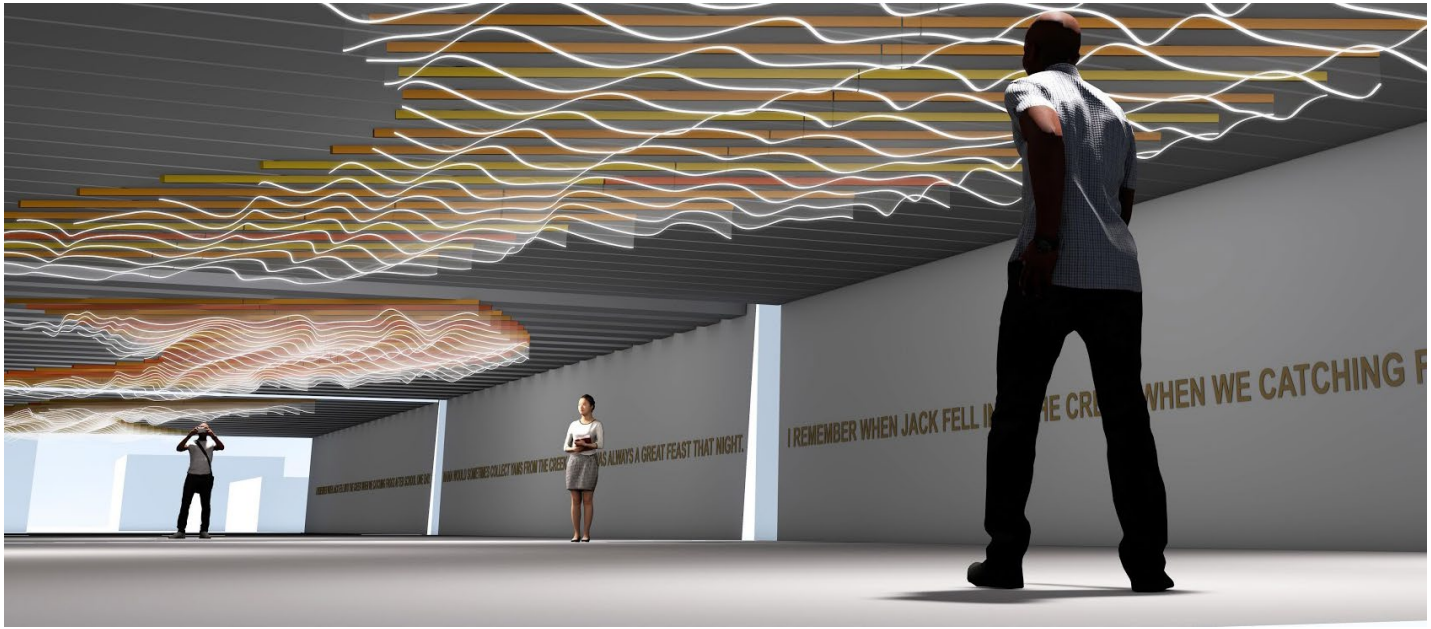


Concept

***WOLLI:* WARREN LANGLEY**

People don't want to spend more time in the underpass than they have to. This is not a comfortable zone no matter what we do to it... The premise of this work is to generate a sense of calm, a sense of wellbeing - to create an uplifting and positive experience as you pass through the tunnel.

– Warren Langley



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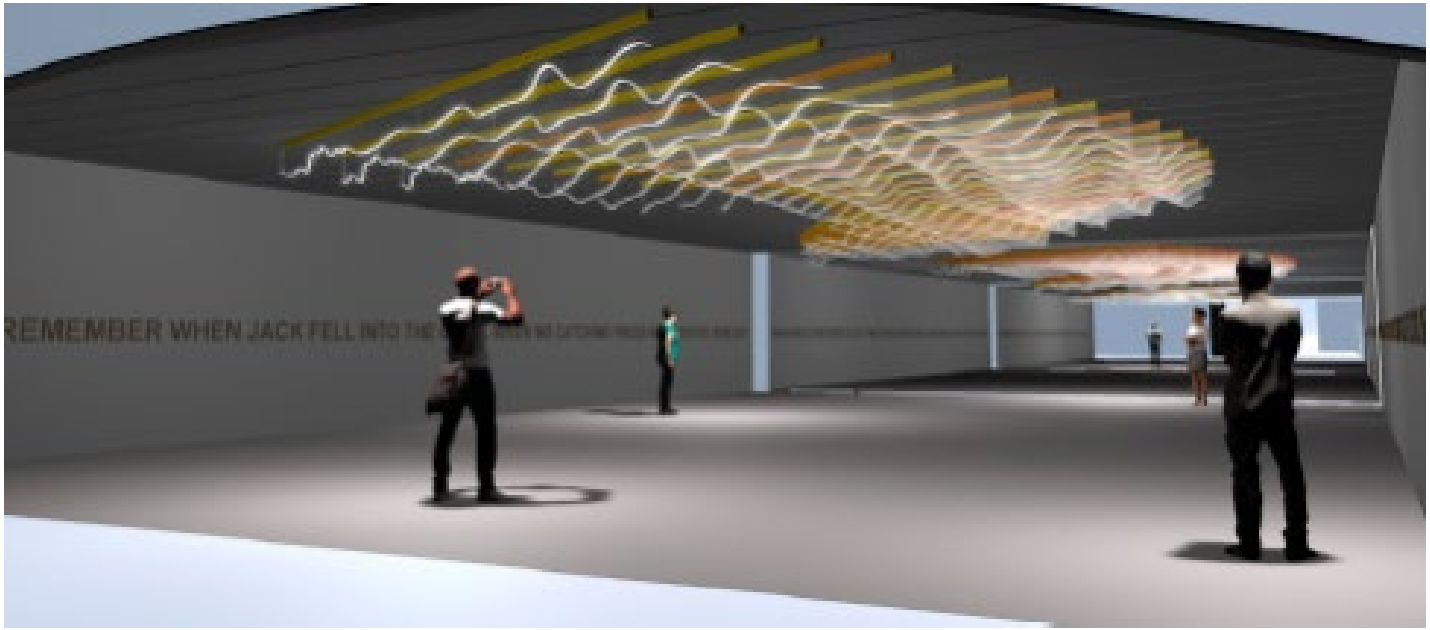
Concept

***WOLLI:* WARREN LANGLEY**

I wanted to make a connection between the local waterways and this idea of time, a perpetuity of time.

– Warren Langley



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Wolli Creek had its own swimming holes that were frequently patronised by the local skinny dipping lads

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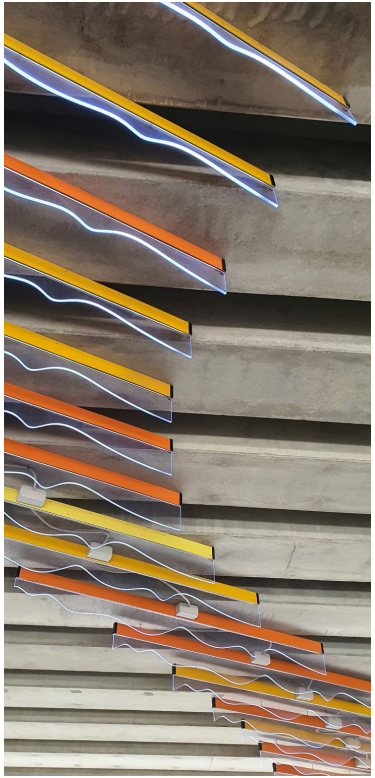

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The local boys would bribe the guard on the
The Chinese took their vegetables

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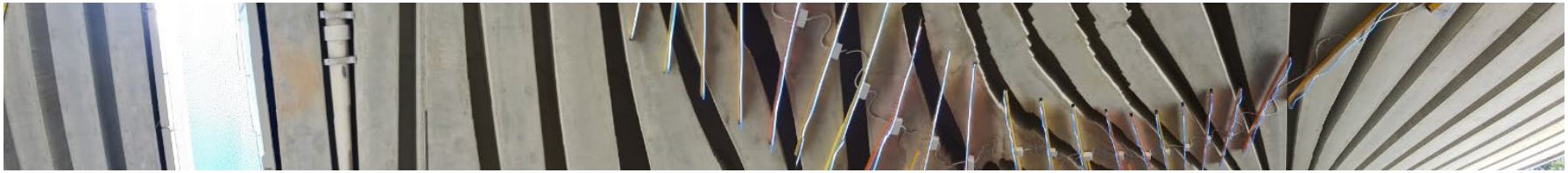

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swimming holes that were frequently patronised

The man and his wife were seated on their knees in the canoe, in which they had a

The local boys would

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The local boys would
a fire on a flat stone

The Chinese took their vegetables to the markets in a horse drawn wagon, in the early hours of the morning