

Fencing Strategy

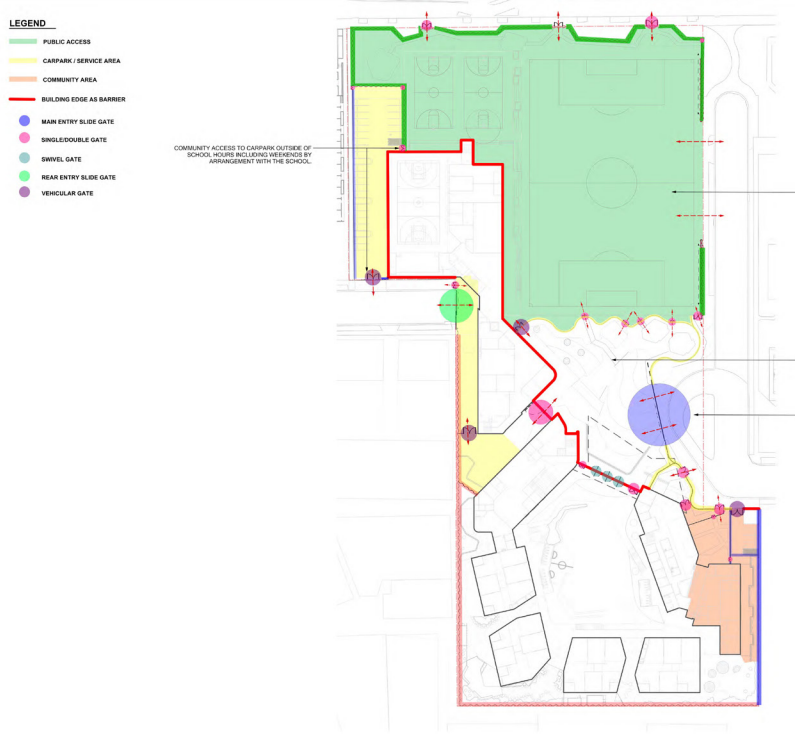
To achieve the key project goal of an integrated and publicly connected school, the strategy for fencing and security allows for a variety of modes that is responsive and flexible. Central to this strategy is the requirement to provide a safe and secure environment for students and staff during school hours and to ensure the school facilities are protected after school hours. However, to allow for good community access and to facilitate a sense of belonging and connectedness the security strategy allows for use of selected parts of the school out of hours.

Physically, the fencing strategy delivers security through:

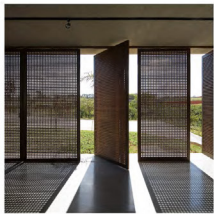
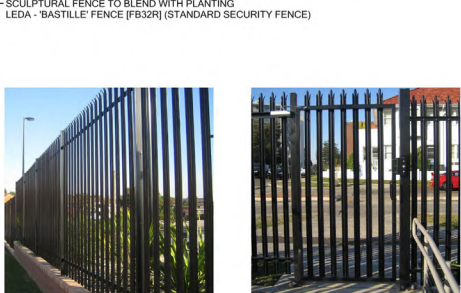
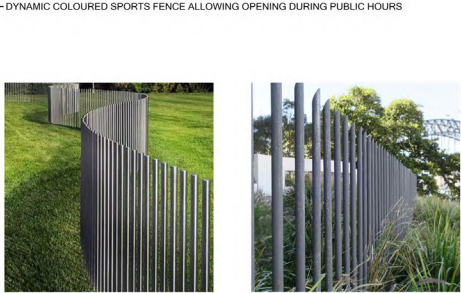
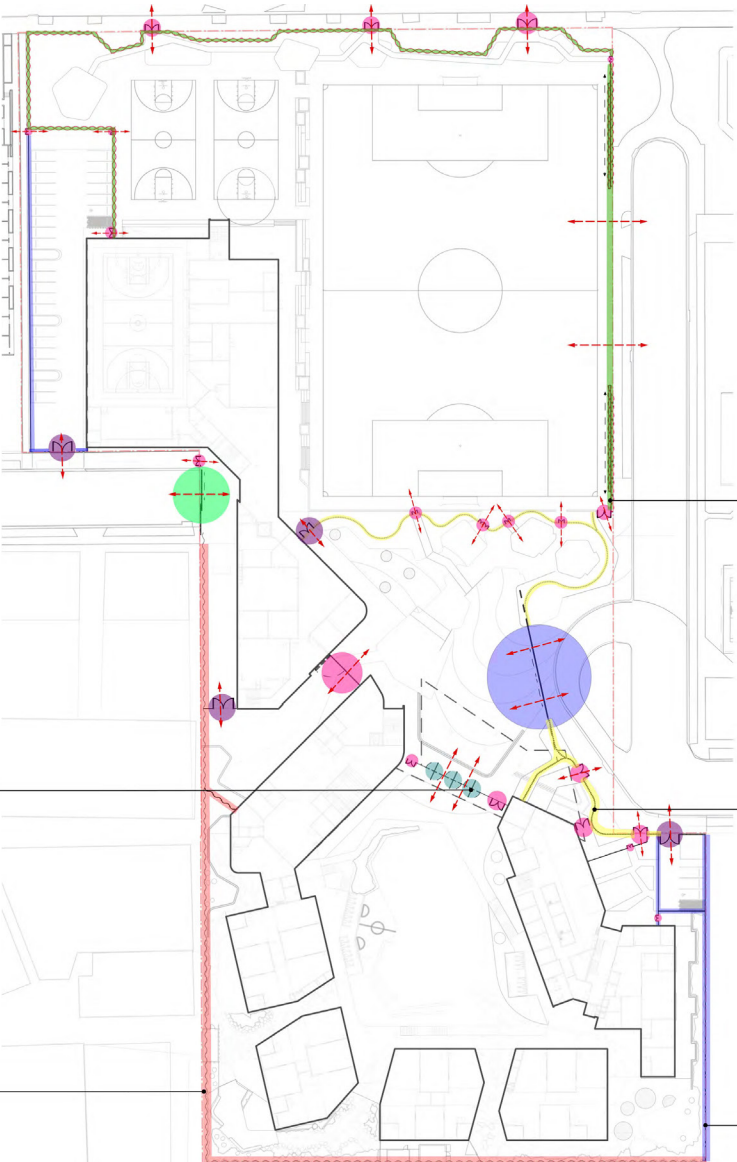
- 1. Use of a high quality palisade fence to the main entry forecourt – This key space will be enclosed with a sinuous fence that avoids use of extensive rails and is limited to vertical rod palisades. This fence will have a series of sliding and swing gates to allow for good access at different times of the day. It will allow for managed access

to the key space for school and community functions. A small sub precinct will allow for controlled access to the administration office during school hours.

- 2. Creation of a sporting precinct – To deliver the project aim of a connected sporting precinct that works with existing facilities of Alexandria Park the sportsfield and sport courts will be fenced with an articulated fence that uses a series of fixed and sliding mesh panels.
- 3. Retention of the existing curved Cor-Ten steel fence on the west and south boundaries – This element dating from 1982 is unique and serves the school well. It provides a good barrier to the existing residential and industrial developments.
- 4. Use of standard palisade fencing – use of typical school fencing along the Belmont Street right of way and the industrial development to the east will provide a cost effective solution on the least visible boundaries of the school.



- LEGEND
- PALISADE FENCING - LEDA 'PREMIER' (FP27TC)
 - EXISTING CORTEN STEEL FENCE
 - SCULPTURAL FENCE - LEDA 'BASTILLE' (FB32R)
 - COLOURED SPORTING FENCE
 - MAIN ENTRY SLIDE GATE
 - SINGLE/DOUBLE GATE
 - SWIVEL GATE
 - REAR ENTRY SLIDE GATE
 - VEHICULAR GATE



SWIVEL GATES



EXISTING CORTEN STEEL FENCE WITH PUBLIC ARTWORK

10 Materiality and Facades

Responding to the overall project drivers and architectural concept for 'Clouds' the strategy for materiality considers three key principles:

- Identity
- Durability
- Cost effectiveness

Identity

This key principle is critical to delivery of an engaged and meaningful project. The use of the metaphor of 'clouds' is two-fold – an idea that represents the changing nature of clouds and the visual dynamic of this fundamental natural phenomenon and a playful idea that allows the building to work with graphic iconography that twist the idea of the natural and the digital world.

The use of a sinuous and fluid perforated aluminium screen that uses the graphic representation of clouds will become the central identity of the building. This single element will unify the school and join all aspects of the K-12 school. It will be used as sun shading, balustrading, wind protection and will be used in both vertical and horizontal applications. The colour of the screen will be a light, mid toned anodised coating to provide a changeable appearance at different times of the day.

Sitting behind the screen will be a combination of coloured and neutral panelised wall systems, glazed wall and coloured steel balustrades. When seen through the screen, these elements will add to the richness of the idea for the building and mimic the nature of clouds at different times of the day.

The balustrades in particular will provide a second layer of the sinuous wrapping of the school like a ribbon. In places fully visible and very noticeable and other locations, partially concealed behind the screen. Through use of a simple detail that is consistently applied, the balustrades also become another unifying feature of the building.

The proposed COLA at the entry to the school is a key built element that delivers the aim of community focused and engaged learning environment. The material used for this part of the building are responsive to the wider community and acknowledge the indigenous and industrial stories of Alexandria. Use of a warm coloured ceiling lining with subtle lighting that provides a protective gathering place at the beginning and end of the day reflecting the significance of a meeting place to the school community. The structural elements are powerful reminders of the industrial past and will allow for further development of graphic art strategies to tell stories of the past use of the site and allow for a new and positive embrace of education.

SOLAR PANELS

- Supporting the energy needs of the school

PERFORATED METAL SCREEN

- Protection from wind
- Reduction of summer solar access

VERTICAL ALUMINIUM BLADES

- Protection from wind
- Reduction of summer solar access

