

To Whom It May Concern,

Following the SSD application for New Liverpool Primary School, we received Response to Submissions from DPIE. Please see below responses to comments:

Comment:

Government Architect NSW (GANSW) have reviewed the EIS and have raised concerns regarding the full height glazing to the Western façade with no shading and no planting able to be facilitated along the boundary. In recognition of the western elevation, you are requested to address this issue and provide additional shading devices or articulation of this façade which can result in shading.

F+P Response:

500mm deep vertical and horizontal sunshades have been provided to the Western façade which work with the ratio of 30% performance glazing to 70% solid façade to achieve a compliant Solar Heat Gain Coefficient of 0.6. Mid-Summer shading studies on the Western Façade show how eaves horizontal projections mitigate midday sun into West facing spaces.

Comment:

The roof form identified is quite basic. Whilst cost effectiveness is a key consideration, extending larger eaves overhangs along the western, northern, and eastern sides of all buildings can serve to reduce the ongoing operational costs, particularly in summer months where Liverpool suffers from urban heat island effects.

F+P Response:

The roof design proposes a 1500mm eaves overhang which contributes to shading of L3 windows as demonstrated by Mid-Summer shading study of the Western Façade.

Comment:

You are requested to provide a detailed breakdown of the total area of open space available within the site, how it will meet the recreational open space needs of the children in each of age groups represented at the two schools and address childhood obesity issues within this region.

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James Fitzpatrick
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Studio Manager:
Melissa Edwards

Principals:
Sergio Melo e Azevedo
Brian Cunningham
Basil Richardson

Senior Associates:
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Associates:
Liz Clark
Pei-Lin Cheah
Linda Lam
Jessica Rodham
Dina Sunna
Felipe Torres
Quincy Ye

F+P Response:

See below for breakdown of total area of open space available within the site.

The Primary School provides 12000m² of Unencumbered playspace which has been designed by Landscape Architects Spackman Mossop Michaels to provide a variety of places for active and passive play, social interaction and outdoor learning within the courtyard central to the school building, as well as a large open play area to the south sized to accommodate a full sized soccer field.

The allocation of open play space in this development does not adversely impact the existing High School's open playspace requirements. Student capacity for the High Schools is up to 2000 students, conservative calculations allow for 23000m² of unencumbered play including grassed area sized to accommodate a full sized rugby field.

Unencumbered Play Space Diagram provided to clarify area allocations. Please refer to Landscape Concept Design Report for further detail on the breakdown of open space within the SSDA submission.

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Comment:

Address how it would comply with the relevant requirements of Department of Education, in terms of area of available open space per student.

F+P Response:

The open play areas are designed in accordance with the EFSG's 10m² per student.

UNENCUMBERED PLAYSACES:

PRIMARY SCHOOL: 12,000m² = 10m² per student

SUPPORT UNIT: 400m² = 10m² per student

PRESCHOOL: 400m² = 10m² per student

HIGH SCHOOL: 23,000m² = 13m² per student

Comment:

You are also requested to provide details of how the open space would be shared among the high school and primary school students, given the proposed common usage of these areas.

F+P Response:

The High School and Primary School are provided with sufficient unencumbered play area to operate independently, however their proximity and site relationships can provide opportunity for shared use if operationally desired. The adjacent High School site is subject to a live project proposal which is likely to affect the interface between the schools.

Yours sincerely



LIZ CLARK

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