



Madeline Thomas
Acting Team Leader
Schools Infrastructure Assessments

Wednesday, December 21st 2022

Our ref: Hastings Secondary College Port Macquarie Campus Upgrade Modification 2 (SSD-11920082-Mod-2)

Dear Madeline,

Following your recent request for additional information, dated 19th December 2022, and referring to the latest modification application for the Hastings Secondary College Port Macquarie Campus Upgrade, Modification 2 (SSD-11920082-Mod-2), please find the following commentary regarding material selection and detailing. Essentially, the original design was complex resulting in a value engineering process that identified the need to change to a light-weight cladding system to ensure the projects viability. The following summary was included in the SSD modification application and outlines the proposed changes.

The materiality of the eastern and western facades (Owen Street and Oxley Oval) have been changed from brickwork to pre-finished and coloured fibre cement sheeting. The complexity of the stepped, cantilevered brickwork, and resulting ongoing maintenance concerns, meant that the brickwork became prohibitive. The tonal contrast identified by the SDRP has been maintained with four different coloured FC panels being used to retain the undulating pattern. Each of the panels is packed out from the substrate to provide additional shadow play across the façade. Earthy tones have been retained and are similar to the previous colour scheme. The transition to light weight cladding has allowed the façade design to be adjusted slightly to reflect material properties and to emphasise the central, circular window in a more controlled manner.

Further to the above statement the key design principles identified in FJMT's original architectural design statement are addressed below.

#	KEY PRINCIPLE	MASTERPLAN & CONCEPT ARCHITECTURAL RESPONSE	CONSTRUCTION ARCHITECTURAL RESPONSE
1	COMMUNICATE THROUGH ARCHITECTURE Universal culture of nurturing continued learning Open and welcoming campus/engagement with the community	The opening up of the entrance to the Port Macquarie Campus, provides a more engaging and inclusive address to the public domain. The intention is that the main response to the site from Owen Street, is a landscape response and that the buildings (new and existing) form a backdrop. By placing both the PCYC and CAPA close to the boundary, this removes the requirement for a fence in this area, increasing the public engagement.	Maintained, with Owen Street access enhanced by reorienting the main entrance to the west, rather than the southern elevation.

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2	NAVIGATE BY ARCHITECTURE Inclusive and engaging built form	The reinforcement of the original masterplan framework at the Port Macquarie Campus provides a clarity of way finding which assists with the promotion of an inclusive, safe and secure environment. At the Port Macquarie campus, a hierarchy of circulation is reinforced through a series of new canopies and covered walkways which connect each campus precinct. These connections continue across the campus to the new PCYC site to the north.	The building relationship to the masterplan is maintained. The extent of covered walkways identified in the tender documentation is maintained.
3	LEARNING AND STUDENT WELL BEING Amenity, diversity	The new buildings consider a diversity of flexible learning spaces with access to outdoor learning. A similar approach is undertaken with the refurbished areas. There is a focus on daylight, sustainable material selection, access to views and an engagement with the landscape, natural ventilation (with air conditioning to be used in extreme temperatures) and generally, passive design. The new connections will provide an accessible and undercover access way across the full site for all users.	No change.
4	SERVED AND SERVANT SPACES Hierarchy of spaces Diversity and clarity	A new overlay of covered circulation - lifts, stairs and ramps, connects the campus precinct. These new connections have a new language and provide a new clarity for the campus. Facilities such as new and refurbished amenities and cleaner's spaces are located along these access ways.	N/A
5	HERITAGE CONNECTION Acknowledge history (local area), indigenous (traditional owners), natural (Hastings river), social (alumni), representative ("Wyndham" design)	The new built forms are aligned with the existing framework of the 1960's campus and reinforce the clarity of the original masterplan. Importantly, however, the masterplan is grounded by the site itself - located just 300m from the coast with wide, sweeping views to the north and the east, the new proposal draws upon the natural landscape - the flora and fauna, the topographical characteristics of the Hastings coastline.	<p>The PCYC building is located to the north of the school site, away from the original master planned built form. The building mass and location have been maintained, with light weight claddings (FC and metal sheeting) retained as the predominant cladding material when viewed from the school.</p> <p>The pattern of the eastern and western facades has been maintained, drawing on the tonality and topographical characteristics of the Hastings coastline.</p>

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6	CHALLENGE AND RISK Diversity of spaces offering modes for experimentation and innovation	Through both new build and refurbishment, new diverse learning spaces are provided. All workshops areas, both CAPA and TAS (CDC2) are visible to the students and connected to outdoor learning terraces. The majority of the learning open up to become larger shared spaces, with supporting breakout or practical activity areas.	N/A
7	ENVIRONMENTAL CONTROL AND CONNECTION Natural daylight and ventilation	The campus has been "reconceived" to encourage the connection to the landscape. New learning spaces open out onto generous covered terraces and the existing courtyards to the north of the new TAS building (CDC) and the north and south of CAPA have been reconfigured.	Connection to landscape is maintained in key learning areas such as the Clontarf and first floor multipurpose rooms.
8	SCHOOL AND COMMUNITY CONNECTION Connection to shared community facilities	At Port Macquarie the new CAPA, with its new lift provides a clear and accessible connection to the MPC and the PCYC. Opportunities for display are provided with a new "community" facing window display located to the western elevation of CAPA.	Maintained. No change proposed.
9	NATURAL CONNECTION Outdoor learning	New outdoor learning opportunities have been incorporated into the landscape design. At Port Macquarie, both the CAPA and the TAS open out to north facing covered learning terraces, where GLS's and workshops have direct access to the outside. Additional outdoor learning settings are provided through the landscape using the changes of level to create seating steps and amphitheatres.	Maintained. No change proposed.
10	EASE OF ADAPTION Well proportioned spaces and FFE selection	All new spaces have been based on a 9m x 9m educational grid and 9m x 7.5m structural grid to maintain future flexibility.	The PCYC structural grid has been rationalised to allow for future flexibility, with a hall extension to accommodate future spectator seating as required. No further changes proposed.
11	INSTANT CONNECTION Well designed adaptable technology	A new ITC network will be provided to all buildings where work is undertaken (with the exception of Block B, where 1 GLS only is being refurbished). Each building will have a dedicated Comms Room and provision for future flexibility. Wall mounted and mobile screens will be used and each learning spaces, including the outdoor learning environments will be WiFi enabled.	Maintained.

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12	LAYERED GROUPINGS Personalisation/project spaces	Both the new and the refurbished spaces have a diversity of learning spaces which will provide the opportunity for personalisation and project spaces. Importantly locations have been provided for student work display in CAPA and TAS.	N/A
13	SHARING SPACES Visible learning	Throughout the new buildings and the refurbished areas, the learning spaces - workshops and GLS's are connected with sliding glazed doors and fixed glazing to provide opportunities for visible learning. The interiors of the buildings are opened up to the external courtyards through large format glazing, to provide additional connections. The provision of generous protected outdoor learning spaces will further enhance visibility.	Glazing has been maintained to provide opportunities for visible learning between interior and exterior spaces. The entry foyer has been reorientated to allow for direct vision of the courts from Owen Street.
14	EXPRESS YOUR DNA (CULTURE AND IDENTITY) Local and global context	Importantly as the project develops, the project team will work with the College to provide opportunities for continued connection to both local and global contexts: sustainability is an important driver, demonstrating that the existing fabric can be successfully reused and respected; an ongoing engagement with the local Birpai community has commenced and will be developed throughout the design process to provide opportunities for ongoing learning.	Key design connections to the Birpai community have been maintained including the round opening on the Western Façade and weaving path from the foyer to the Clontarf on the ground floor.

While the materiality of the revised design differs from that of the original design, we believe that the changes outlined above maintain the design intent of the original SSD approved PCYC building and will contribute positively to the local community. We welcome the opportunity to meet with you and the GANSW to work through any concerns that you may have. If you have any questions, or require any additional information, please don't hesitate to contact us.

Kind Regards,



Chris Vlatko

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