

Date:	29 4 2012	Job#:	2126	Pages:	2
Project:	PLC Aquatic, Mollie Dive Field etc				
To:	Ian Glendinning				
Company:	Glendinning Minto				
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Reference:	Architectural Statement				
☐ File ☐ Note ☐ Fax ☒ Memo ☐ Response					

Ian,

Statement below in support of obtaining DG's requirements:

Masterplan Phase 2 - Aquatic Centre, Mollie Dive Field, Parking and Dining Centre

Pymble Ladies' College has continually improved campus facilities in line with the College's vision. The Masterplan Phase 2 is the remaining part of Campus Vision 2008-2016 which includes a new indoor aquatic + fitness centre to replace an existing outdoor pool, a new health and well being centre, a new synthetic hockey field with carpark under to replace the existing on grade field, and a new Boarders' Dining & Function Centre all located within the southern precinct of College campus. Associated external landscaping and pavement works will be required to link the new facilities with each other and to the rest of the College campus.

Stage 1

Internal **road works** are currently underway (Development Consent No.X approved XX) and will greatly improve the existing vehicular traffic flows in & out of the southern part of campus and improve pedestrian safety and circulation from this part of campus.

Stage 2

The proposed **Aquatic and Fitness Centre** comprises a indoor 50m pool with movable boom, an indoor learn to swim pool, a 400sqm fitness centre, and associated support facilities.

The building located on the site of the existing outdoor pool, and adjoins the Physical Education Centre (gymnasium) immediately to the east. The PE Centre is predominantly a steel, glass and brick structure constructed in the early 1980's, and extended in the early 1990's.

To the north are the rear of the College boarding houses, which date variously from 1916 and 1925, with several later additions in keeping with the original style.

As a major facility "anchoring" the sporting precinct, and lying to the South of the main built zone of the campus, the centre has been identified as requiring iconic qualities, separating it from the "fabric" buildings of the campus. As such, a contemporary expression has been pursued whilst using materials familiar to the College, particularly at ground level, to provide continuity.

The proposal comprises a building of two main forms - the main pool hall and the smaller LTS/fitness element. The pool hall is a large single volume, with a steel structure and significant proportion of glazed facades. Shading and solid facade elements are provided in prefinished cladding materials, and are complimented by brickwork features and base elements which tie the palette to the traditional materials of the College campus.

The main pool deck level has been lowered approximately 1.5m from the existing level so as to marry the roof heights with the existing PE Centre, and to provide better connection to the Mollie Dive Field, which is currently some 5m lower than the existing pool deck. This provides the opportunity to create an outdoor plaza area at the gateway to the precinct, allowing College members and visitors to orient and navigate this part of the Campus.

The proposed levels also allow for terracing to the edge of the field which also provides a through site link to the courts to the South of the development.

The aquatic centre has been designed to include a range of energy saving measures, particularly in relation to the pool and air handling plant. Heat recovery, gas fired and solar boosted systems are envisioned to work in concert to minimise energy use. Significant roof area also allows for solar power and heating systems, consistent with the College's ESD targets and policies.

Future Stages

A **new raised Mollie Dive Field with parking beneath**, a synthetic hockey field with tennis markings for summer use, will provide an improved playing sports surface and better level access to adjacent new aquatic + fitness centre and rest of campus. The new carpark under will provide additional on site capacity and improve vehicular traffic movement into southern part of campus. This ties into the internal road works improvements of Stage 1.

The carpark is effectively on the level of the existing Mollie Dive Field, minimising earthworks and excavation.

Adjacent the existing PE Centre and the proposed Aquatic Centre it is proposed to construct a **well being facility** which will consolidate the healthcare, counselling and allied services which are currently distributed around the College. The building is a modest footprint which will tie into the larger surrounding buildings by use of the same material palette and expression.

The **new Dining and Function Centre** will accommodate boarding students & staff dining and will also cater for 600 seat functions for College events. Many of these events are currently held in less suitable facilities on site, with attendant operational difficulties.

The Centre nestles into the fall of the site immediately behind the boarding houses, so as to not obstruct or crowd the rear elevation of these buildings. Looking out over the new Mollie Dive Field, the building employs a similar palette to the Aquatic Centre, completing the composition of the Masterplan for the southern precinct of the campus.



Andrew Pender

pmdl

Practice Director