

ENQUIRIES: JOSEPH WALSH
PROJECT NO: 29212

10 October 2016

SAGENT
603/17 Hickson Road
DAWES POINT NSW 2000

Attention: James Joy

Dear Sir

RE: PATINA HOTEL – SANDSTONE BUILDINGS

Wood and Grieve Engineers has been commissioned to provide engineering services advice for the development of “The Education Building” and “The Lands Building” at for adaptive re-use as a luxury hotel. The buildings are bounded by Gresham, Bridge, Young and Bent Streets

In particular Wood and Grieve Engineers has been commissioned to provide advice on Mechanical, Electrical, Communications, Hydraulics, Fire and Acoustic services. The building has been developed to Concept Design Stage and Wood and Grieve can confirm that plant space and risers have been provided.

The mechanical ventilation systems will be designed In accordance with relevant Australian standards to minimise any adverse odour emissions resulting from the operation of the development which may impact upon hotel residents, passer-by or any surrounding development.

WGE can confirm that for Acoustics, Heating, Ventilation and Air Conditioning, Power and communications, sanitary, storm water, water services, sprinkler, hydrant and fire protection services that the drawings have been reviewed for adequacy. The plans require further progression to incorporate the requirements for services as the design moves from concept to detailed design phase. However, at this stage the schematic design has been developed to enable the plans to incorporate reticulation of services and the allocation of plant space within the building envelope.

A separate infrastructure report has been produced by Wood and Grieve Engineers which details the adequacy of infrastructure serving the site.

The drawings reviewed by WGE are listed below:

Cover Sheet B1

SP-DA-G-0001 Drawing Register

SP-DA-G-0002 General Notes and Symbols

Proposed Site Plans

SP-DA-G-1500 Proposed Site Plan

Demolition Plans

SP-DA-G-2295 Education Building- Basement Level 03 1:200 B1 00

SP-DA-G-2296 Education Building- Basement Level 02 1:200 B1 00

SP-DA-G-2297 Lands Building- Lower Ground, Education Building- Basement Level 01 1:200 B1 00

SP-DA-G-2298 Lands Building- Lower Ground Mezzanine 1:200 B1 00

SP-DA-G-2299 Lands Building- Ground, Education Building- Lower Ground 1:200 B1 00

SP-DA-G-2300 Lands Building- Level 01, Education Building- Ground 1:200 B1 00

SP-DA-G-2301 Lands Building- Level 02, Education Building- Level 01 1:200 B1 00

SP-DA-G-2302 Lands Building- Level 03, Education Building- Level 02 1:200 B1 00

SP-DA-G-2303 Lands Building- Level 04, Education Building- Level 03 1:200 B1 00

SP-DA-G-2304 Lands Building- Level 05, Education Building- Level 04 1:200 B1 00

SP-DA-G-2305 Lands Building- Level 06, Education Building- Level 05 1:200 B1 00

SP-DA-G-2306 Lands Building- Level 07, Education Building- Level 06 1:200 B1 00

SP-DA-G-2307 Lands Building- Level 08, Education Building- Level 07 1:200 B1 00

SP-DA-G-2308 Lands Building- Level 09, Education Building- Level 08 1:200 B1 00

SP-DA-G-2309 Lands Building- Level 10, Education Building- Level Roof 1:200 B1 00

SP-DA-G-2310 Lands Building- Level 11, Education Building- Level Roof 1:200 B1 00

SP-DA-G-2311 Lands Building- Level 12, Education Building- Level Roof 1:200 B1 00

SP-DA-G-2312 Lands Building- Level Roof, Education Building- Level Roof 1:200 B1 00

Proposed Plans

SP-DA-G-2496 Education Building- Basement Level 03 1:200 B1 00

SP-DA-G-2497 Education Building- Basement Level 02 1:200 B1 00

SP-DA-G-2498 Lands Building- Lower Ground, Education Building- Basement Level 01 1:200 B1 00

SP-DA-G-2499 Lands Building- Ground, Education Building- Lower Ground 1:200 B1 00

SP-DA-G-2500 Lands Building- Level 01, Education Building- Ground 1:200 B1 00

SP-DA-G-2501 Lands Building- Level 02, Education Building- Level 01 1:200 B1 00

SP-DA-G-2502 Lands Building- Level 03, Education Building- Level 02 1:200 B1 00

SP-DA-G-2503 Lands Building- Level 04, Education Building- Level 03 1:200 B1 00

SP-DA-G-2504 Lands Building- Level 05, Education Building- Level 04 1:200 B1 00

SP-DA-G-2505 Lands Building- Level 06, Education Building- Level 05 1:200 B1 00

SP-DA-G-2506 Lands Building- Level 07, Education Building- Level 06 1:200 B1 00

SP-DA-G-2507 Lands Building- Level 08, Education Building- Level 07 1:200 B1 00

SP-DA-G-2508 Lands Building- Level 09, Education Building- Level 08 1:200 B1 00

SP-DA-G-2509 Lands Building- Level 10, Education Building- Roof 1:200 B1 00

SP-DA-G-2510 Lands Building- Level 11, Education Building- Roof 1:200 B1 00

SP-DA-G-2511 Lands Building- Level 12, Education Building- Roof 1:200 B1 00

SP-DA-G-2512 Lands Building- Roof, Education Building- Roof 1:200 B1 00

Proposed FSA Plans

SP-DA-G-2696 Education Building- Basement Level 03 1:200 B1
SP-DA-G-2697 Education Building- Basement Level 02 1:200 B1
SP-DA-G-2698 Lands Building- Lower Ground, Education Building- Basement Level 01 1:200 B1
SP-DA-G-2699 Lands Building- Ground, Education Building- Lower Ground 1:200 B1
SP-DA-G-2700 Lands Building- Level 01, Education Building- Ground 1:200 B1
SP-DA-G-2701 Lands Building- Level 02, Education Building- Level 01 1:200 B1
SP-DA-G-2702 Lands Building- Level 03, Education Building- Level 02 1:200 B1
SP-DA-G-2703 Lands Building- Level 04, Education Building- Level 03 1:200 B1
SP-DA-G-2704 Lands Building- Level 05, Education Building- Level 04 1:200 B1
SP-DA-G-2705 Lands Building- Level 06, Education Building- Level 05 1:200 B1
SP-DA-G-2706 Lands Building- Level 07, Education Building- Level 06 1:200 B1
SP-DA-G-2707 Lands Building- Level 08, Education Building- Level 07 1:200 B1
SP-DA-G-2708 Lands Building- Level 09, Education Building- Level 08 1:200 B1
SP-DA-G-2709 Lands Building- Level 10, Education Building- Roof 1:200 B1
SP-DA-G-2710 Lands Building- Level 11, Education Building- Roof 1:200 B1
SP-DA-G-2711 Lands Building- Level 12, Education Building- Roof 1:200 B1
SP-DA-G-2712 Lands Building- Roof, Education Building- Roof 1:200 B1 00
SP-DA-G-2720 FSA Schedule n/a B1 00

Proposed Elevations

SP-DA-G-3200 Lands Building- South, Education Building- South 1:200 B1 00
SP-DA-G-3201 Lands Building- West 1:200 B1 00
SP-DA-G-3202 Lands Building- North, Education Building- North 1:200 B1 00
SP-DA-G-3203 Education Building- East 1:200 B1 00
SP-DA-G-3204 Lands Building- East 1:200 B1 00
SP-DA-G-3205 Education Building- West 1:200 B1 00
SP-DA-G-3210 Education Building- Courtyard 1:200 B1 00

Proposed Sections

SP-DA-G-3500 Lands and Education Building- Section 01 1:200 B1 00
SP-DA-G-3501 Lands Building- Section 02 1:200 B1 00
SP-DA-G-3502 Education Building- Section 03 1:200 B1 00

DA Compliance

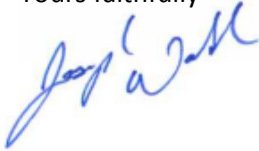
SP-DA-G-4000 DA Stage 1 Envelope Compliance B1

Details

SP-DA-L-5000 Lands Building Rooftop Extension Glass Roof and Pergola Details 1:20/ 1:100 B1
SP-DA-L-5001 Lands Building Rooftop Extension Glass Roof Details 1:2 B1
SP-DA-L-5002 Lands Building Rooftop Extension Metal Roof Details 1:20/ 1:100 B1
SP-DA-L-5003 Lands Building Bent Street Entry Door Details 1:20 B1
SP-DA-E-5100 Education Building Rooftop Extension- Glass Façade Details 1:20 B1
SP-DA-E-5101 Education Building Rooftop Extension Glass Façade Corner Details 1:20 B1
SP-DA-E-5102 Education Building- Water Villa Façade Details 1:20 B1
SP-DA-E-5103 Education Building East and West Tower Façade Details 1:20 B1

SP-DA-G-8000 Illustrative View 01 - Sandstone Precinct from Bent Street B1
SP-DA-G-8001 Illustrative View 02 - Education Building from Bent Street B1
SP-DA-G-8002 Illustrative View 03 - Sandstone Precinct from Bridge Street B

Yours faithfully



Joseph Walsh
for **Wood & Grieve Engineers**