

By email
3 April 2024

Anthony Shaw (MACE)
Level 14, 68 Pitt Street
Sydney NSW 2000

Level 5
151 Clarence Street
Sydney
NSW 2000
Australia

t +612 9320 9320
f +612 9320 9321

[arup.com](https://www.arup.com)

Our ref 295539
File ref 295539 AC01 v2 Grafton Hospital Acoustic Statement - Stage 1

Dear Anthony,

Grafton Base Hospital

Acoustic Planning Assessment - Enabling Works

Arup has been engaged to assess the acoustic impacts of Stage 1 – Enabling Works for Grafton Base Hospital located at 184 Arthur Street, Grafton. It is understood that the works will include the refurbishment of the Acquisition Site and decanting activities. The proposal site is presented in Figure 1.

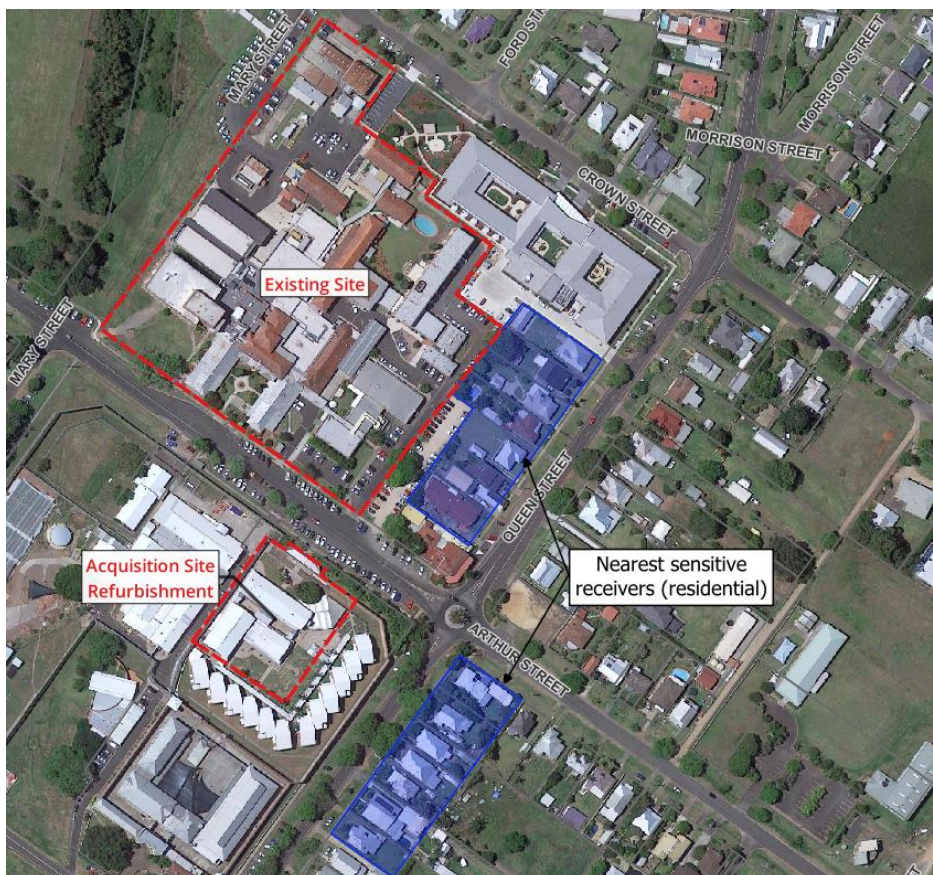


Figure 1: Overview of proposal site

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Scope of works and program

The proposed works for Stage 1 are summarised in Table 1 and further staging details are enclosed with this letter.

Table 1: Stage 1 – Enabling works activities and equipment/plant

Stage 1 Enabling Works	Activities	Start and end dates	Assumed plant/equipment
Acquisition Site refurbishment	Refurbish blocks A, B and Gatehouse for use as staff rooms, education and training facilities, and administration and management functions	October 2024 – August 2025	Delivery truck Hand tools Elevated work platform
Decanting	Decanting of hospital facilities/departments to other buildings within the existing site and the Acquisition Site	September 2025 – October 2025	Manual lifting / moving equipment Delivery truck

Based on the relatively minor scope of proposed works, equipment and plant to be used for this stage of works would be of minimal noise and vibration impact. Refurbishment works would largely be undertaken within the interior of buildings and the nearest residential receivers located on Queen Street are located approximately 80 metres from the Acquisition Site buildings.

Decanting operations would likely include the use of manual lifting/moving equipment and light or medium vehicles to transport hospital property. This activity would undertaken progressively as per the staging plan across the existing and acquired sites and would not be anticipated to result in noise impacts exceeding that of normal hospital operations.

Construction hours

Furthermore, it is assumed that the proposed works would be undertaken during standard hours only (i.e. Monday to Friday 7am to 6pm and Saturday 8am to 1pm).

Conclusion

Given the above, noise impacts to surrounding sensitive receivers are expected to be minimal and no further assessment of noise impacts is considered to be necessary for the Stage 1 – Enabling Works. It is understood that further assessment will be undertaken for the early works (demolition) and the main works stages.

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3 April 2024

Yours sincerely,



David Kim

Senior Acoustician

d +61 2 9320 9352

e David-K.Kim@arup.com

Enc Development Proposal - Stage 1 Enabling Works

cc James Bradshaw (MACE)
Jack Davenport (MACE)
Ryan Fisher (Arup)
Mathew Simon (Arup)
Ida Larrazabal (Arup)