

Our Reference: NA230258
Your Reference:

Suite 2, Level 1,
33 Herbert Street,
St Leonards NSW 2065

30/04/2024

T 02 9438 5098

Health Infrastructure NSW
c/- Capital Insight
76 Berry Street
North Sydney NSW 2060

Attention: Erik Maasepp | Erik.Maasepp@capitalinsight.com.au

Dear Erik

**Re: WORLD CLASS END OF LIFE PROGRAM - HEALTH INFRASTRUCTURE
ORANGE HOSPITAL, 1530 FOREST RD, ORANGE NSW 2800 - STRUCTURAL
ADEQUACY CERTIFICATION REV 01**

Further to our site visit and receipt of the architectural plans prepared by BVN for alterations and additions to the above Hospital, we have calculated the increase in loadings onto the existing structure.

The new works will consist of the refurbishment of part of the L1 slab on existing Orange Hospital Building. The works include the demolition of non-load bearing partition walls, new service penetrations through the existing slab, and alterations to the existing façade. The increased loads onto the existing foundation strata, footings and vertical load bearing elements from the new works will be within accepted limits.

We therefore hereby certify that the existing structure has been inspected and is capable of supporting the extra loads due to the proposed alterations and additions indicated on the drawings.

It should be noted that as some parts of the existing building will have varying load intensities following the completed works, there may be a risk of differential settlement. There is a possibility that the additional loads may cause some opening of existing cracks and perhaps the formation of new cracks. In our opinion, they will be minor, not structural and within accepted limits stated in relevant Australian standards and would be treated by patching and/or painting.

If you have any further queries, please do not hesitate to contact the undersigned.

Yours faithfully

ACOR Consultants Pty Ltd



Thomas Dale Lenden

MIEAust CPEng (2991346) NER

Principal, NSW Lead