

18 February 2011

TTMref: 27242 L01 37 Mayne Road, ~~Bowen Hills RTN ENV RFI~~

PLANS AND DOCUMENTS
referred to in the ULDA
APPROVAL dated 15/4/2011



Tony Blackshaw
PO Box 7076
Riverside Centre, Brisbane QLD 4001

Dear Tony,

RE Development, 37 Mayne Road, Bowen Hills– Response to Information Request

The following letter is in response to ULDA information request dated 17 February 2011, referring specifically to section 3, relating to noise.

Council Request

Furthermore, the BAC have raised the issue of noise impacts on the increased residents in the area from existing frequent over-flight from aircraft and the future increase in over-flight from the New Parallel Runway. The BAC has advised the ULDA that an EIS has been undertaken where a 70 decibel noise event is considered to be the level at which aircraft noise has the potential to become intrusive and disruptive, this also allows for a 10 decibel insulation by convention buildings techniques. The attached document (Attachment A) provides the estimated data for the proposed development sites and it is apparent that both of the site's will be exposed to an increased number of N70 events when the additional runway is opened, with a further increase expected into the longer term. As such, it is requested that Environmental Noise Impact Assessment/s, prepared by TTM Acoustics for both site's be revised to address the noise impacts as a result of the number of over-flights of 70 decibels or more and outline the relevant acoustic treatments to achieve the relevant recommended indoor design sound levels specified in AS2021. Additionally, it is likely that the ULDA will condition a covenant that advises future residents of potential amenity impacts associated with aircraft over flights.

Our Response

Analysis was conducted to determine if additional treatment was required for the attenuation of aircraft noise for compliance with AS2021:2000 – "Acoustics – Aircraft Noise Intrusion – Building siting and construction". Based on the analysis conducted of the development, the treatment requirements for rail and road traffic noise will exceed the building treatment required for aircraft noise. Therefore based on the analysis conducted, compliance is predicted for aircraft noise level of 70dB(A).

We trust this information meets with your current requirements. Should you have any queries please do not hesitate to contact TTM Acoustics.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'Greg Pearce', written over a horizontal line.

GREG PEARCE B.Eng (Mech)
Associate Director