

MEMORANDUM



210020 - 20 Albert Street, Freshwater - Awning Review – R1

TO: Jack Leary
COMPANY: Alma Mexican Eatery
FROM: Alex Danon
SUBJECT: 20 Albert Street, Freshwater - Awning Acoustic Review

DATE: 8 December 2022

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Pulse White Noise Acoustics (PWNA) have been engaged by Jack Leary to undertake an acoustic review of the proposed roofing system which is proposed to replace the documented retractable fabric roof over the external courtyard area proposed for Alma Freshwater restaurant at 20 Albert Street, Freshwater. The *DA Acoustic Assessment* prepared by Pulse White Noise Acoustics (ref 210020 - 20 Alert Street, Freshwater - DA Acoustic Assessment - Rev 9, dated 12 July 2022) provided recommendations for the roofing system to be installed over the courtyard.

A fixed Polycarbonate roofing system is now proposed to sit over the outdoor seating area, as documented in the drawings by FiveFootOne Design, with project number 2036, Revision B, dated 8/12/2022. The system has been specified as Danpal Seamless Roof System with Danpalon Multicell Panels, which has a documented acoustic rating of $R_w (C, C_{tr}) 26(0, -3)$. The primary change to the proposed roofing system simply relates to the material; that is, the location, extent, and angle of the awning remain consistent with the previous proposal. The acoustic rating of the Danpal system is greater than that of the previously proposed fabric system.

Provided that the Danpal Seamless Roof System with Danpalon Multicell Panels is installed as documented, and covers the entire external dining area, as shown in the drawings by FiveFootOne Design, with project number 2036, Revision B, dated 8/12/2022, we can confirm that this system will meet the recommendations set out in the *DA Acoustic Assessment* prepared by Pulse White Noise Acoustics (ref 210020 - 20 Alert Street, Freshwater - DA Acoustic Assessment - Rev 9, dated 12 July 2022).

For any additional information please do not hesitate to contact the person below.

Regards,

Alex Danon
Acoustic Engineer
PULSE WHITE NOISE ACOUSTICS PTY LTD