



24th November 2023

Banh Mi Plenty Pty Ltd  
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Mr Viettruong Nghiem

Engenuity Design &  
Construct

ABN 58 600 270 317

Unit 18, 19-26 Durian Place  
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NSW 2177 Australia  
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### **MECHANICAL DESIGN STATEMENT - BANH MI PLENTY (SHOP 3, 38-42 THE CORSO MANLY)**

Pursuant to the provisions of Clause A2.2 of the Building Code of Australia, I hereby certify that the mechanical services systems designed at the above address is in accordance with industry design codes and engineering practice. The design adequately meets the requirements of the National Construction Code Series 2022 Amendment 1 Volume 1 (Building Code of Australia) and Australian Standards.

I am an appropriately qualified and competent person in this field and hold sufficient Professional Indemnity insurance and as such can certify the essential and non-essential ventilation system are in compliance with the below codes;

1. AS1668.1 (2015) Fire and Smoke Control in Buildings
2. AS1668.2 (2012) The use of ventilation and air-conditioning in buildings
3. NCC/BCA (2022) Section F6D6 (Mechanical ventilation of rooms)
4. NCC/BCA (2022) Section F6D7 (Natural ventilation)
5. NCC/BCA (2019) Section J6 (HVAC Energy Efficiency)
6. M01 to M07 (dated 23.04.2024) Kitchen Ventilation Documentation

#### Design Notes:

As running a vertical kitchen exhaust duct riser up the building to the roof was not possible for this tenancy Engenuity have incorporated the use of a double pass electrostatic precipitator (ESP) Filter and Ozone system for the removal of kitchen exhaust grease, smoke and smells via a horizontal discharge. System design to achieve >90% removal of VOCs and Grease. The system meets the mechanical ventilation requirements of AS1668.2 (2012) which is the applicable standard for this method of kitchen exhaust removal.

**Full name of Certifier:**

Phillip Hangyasi

**Qualifications and Experience:**

Registered Certifier (NSW) Mechanical – BDC04586

**Signature:**

**Date: 23/04/2024**

