

ENQUIRIES: EUGENE GOULDING
PROJECT NO: 27752-SYD-M

26 May 2016

Lendlease Haymarket (Pty Ltd),
Level 4, 30 The Bond, 30 Hickson Road,
Millers Point, NSW 2000

Attention: Jessica Paterson

Dear Jessica

re: RESPONSE TO DEPARTMENT OF PLANNING AND ENVIRONMENT COMMENTS
South East Plot, Darling Harbour live – Noise & Ventilation

In response to the Department of Planning and Environment's letter dated 11/05/2016 on the SSDA submission for the South East Plot of Darling Square we note the following in respect to item 5:

5. Indicate which specific apartments are likely to be effected by noise. In addition, confirm which will be provided with 'alternative solutions for ventilation' to address exposure to high noise levels from retail / public realm activities.

Given the urban, mixed use nature of the Darling Square precinct all of the apartments located on the podium levels 2-5 will be effected by noise and as such will rely on the closure of windows at times to mitigate noise from retail and public realm activities expected in this 18/7 operating Precinct.

In this regard, mechanical ventilation is provided to these apartments. In fact, this solution is available to all apartments within the SE Plot. Each apartment is provided with outside air ventilation by means of a centralised ventilation system that is provided for each of the three buildings. A flow rate of 250 litres/second (L/s) of outside air is provided to all corridors on each level of each building via a central supply shaft. From all corridors the air can pass into individual apartments via the over door transfer grille.

As an example, podium Level 3 of Tower SE1 has 9 apartments (equates to approximately 18 people occupying that floor), the 250 L/s of air provided to the corridor equates to 13.8 L/s/person, exceeding the minimum effective outdoor airflow requirements of 10 L/s/person set out in Appendix A of AS 1668.2. The remainder of the podium levels, in each of the three buildings, have the same number or fewer apartments per floor and as such also exceed the above requirements.

If you have any queries relating to the above, please contact the undersigned.

Yours faithfully

A handwritten signature in blue ink, appearing to read "Eugene Goulding".

Eugene Goulding
for **Wood & Grieve Engineers**