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Development Sustainability Statement

RE: Dwyer Nolan Developments - De La Salle Lands Development, Ballyfermot, Dublin 10

De La Salle Lands Development is a Nearly Zero Energy development in accordance with Technical Guidance Document Building Regulations Part L 2019. Each unit within the development shall achieve a minimum Building Energy Rating (BER) of A3. Environmentally friendly features of each unit include:

- Energy Efficient Buildings

High performance building envelope to minimise heat transfer between the interior and exterior of the building including high levels of insulation and high performance thermal glazing.
Low building fabric air permeability reducing the energy demand by retaining warm air inside the envelope saves energy and maintaining a consistent temperature.

- Renewable Energy Technologies

Air to water heat pump incorporating exhaust air extraction increasing efficiency, renewable contribution and removing the need for fossil fuels within each unit.

- Superior Indoor Environment

Mechanical Extract Ventilation, maintaining indoor air and environmental quality, allowing the building envelop to conserve energy and maintain a comfortable temperature, while also supplying the interior with clean, fresh air to maximise comfort.

- Water Efficiency

Highly insulated hot water storage and pipes with low-flow sanitary fittings reducing water use by up to 30%,

- Storm Water Management

Installation of storm water attenuation including permeable surfaces, limiting storm water runoff and preventing pollution from contaminating local ecosystems, and reduces the risk of a potentially dangerous flooding event.

The site is also a low carbon development covering a significant portion of Environmental, Social, and Governance (ESG) criteria including low energy use, pollution and natural resource conservation which will help to ensure that the assets remain sustainable, low impact and socially responsible for years to come.

Signed:  Name: Michael Canning *BEng CEng MIEI*

Date Issued: 09/03/2021 Position: Senior Engineer

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