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Coakley O'Neill Town Planning,
NSC Campus,
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26/01/2022

Subject: Monacnapa Blarney Cover Letter

This is to state, that the Outdoor Lighting Scheme, designed for your proposed Dromin Residential Housing Development, has taken into account best practice, as published by the UK Bat Conservation Trust, in respect of mitigation strategies, to minimise the impact of outdoor lighting upon bat populations.

LED type lanterns, of the Warm White type, have been specified, with a Colour Temperature of 3,000K, as is considered least disruptive to the emergence of bats from roosts at dusk, and subsequent movement from habitats to foraging locations.

I've taken the decision to remove the lights from the turning circles on the north side of the site as it is impossible to keep the light out of foraging area of the bats along the curtilage.

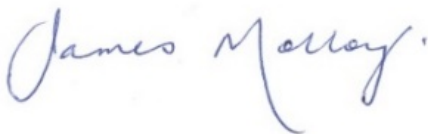
LED lanterns do not emit any ultraviolet or infra-red radiation, this again being a desirable feature in relation to impact upon bats in terms of causing spatial exclusion from artificially lit areas.

Light levels have been kept as low as possible by reference to levels specified in BS EN 5489-1: 2013 for trafficked roads in residential areas.

Lanterns are of the fully cut off type with no light output above the horizontal plane.

Dimming of the light levels between 23.00 hrs. and 06.00hrs. has been specified to further reduce the environmental impact of the scheme.

Yours Sincerely,



James Molloy Jnr BEng.
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