



# Photomontage Booklet

New Lawn Cemetery, Wellpark

## Photomontage Overview

Photomontages are photorealistic visualisations that superimpose an image of a proposed development upon a photograph or series of photographs. They are accurate graphical representations of how a proposed development will appear in the existing landscape.

This booklet comprises photomontages captured from a drone, and show the Proposed New Lawn Cemetery from an aerial perspective. All photomontages were captured and produced by MKO.

## Methodology

### Photography & GPS Survey

Photographic imagery was captured with a drone camera using a 24mm equivalent lens with a cropped sensor camera to maximize image extent. The camera was mounted on a drone and imagery was captured at varying heights above ground (40-70 metres).

During a Site Survey, in-view Reference Points (control points) around the site were accurately recorded using a RTK GNSS GPS receiver +/- 3cm accuracy.

Positioning and geo-location of the drone relative to the ground are recorded for each view using the GPS sensor on board the drone.

## 3D Modelling & Rendering

A 3D digital model of the proposed development was created using 3D modelling software (3D Studio Max). The scaled digital model is built using the drawings & specifications supplied by the developer and architects. The 3D architectural model is then integrated with reference GPS coordinates including the viewpoint capture locations.

The model of the proposal is positioned relative to the virtual camera with the aid of reference control points to ensure a baseline photo match of perspective and scale.

A rendering is applied to the imagery that best represents the proposed materials from which the proposed development will comprise in the light conditions when the photomontage was captured.

## Layout of Visuals

The photomontages are presented within a 72° field of view to give context and maximise the extent of the proposed development visible.

The coordinates of the viewpoint, height of the lens and details of the sensor used are recorded. The visualisations in this booklet are presented in the following format:




**Existing View:** Shows a 72° view of the existing landscape;

**Proposed View:** Shows a 72° verified render of the Proposed Development within the existing landscape.



# Viewpoint Map

## Map Legend

-  View Point
-  Area shown in 72°
-  Site Boundary

VP No	Easting (ITM)	Northing (ITM)
VP01	E 531770	N 725929
VP02	E 531703	N 726119
VP03	E 531786	N 726135





**View Point Description**

Elevated view from the south of the site located over the R338 Regional Road (Old Dublin Rd.).

**Easting (ITM):** E 531770  
**Northing (ITM):** N 725929  
**Direction of View:** N  
**Angle of View:** 72°

**Drone:** DJI Mini 3 Pro  
**Camera:** FC3582  
**Lens:** 24mm equivalent

**Camera Height:** 74m  
**Date:** 01.08.2023  
**Time:** 11:03



**View Point Description**

Elevated view from the south of the site located over the R338 Regional Road (Old Dublin Rd.).

**Easting (ITM):** E 531770  
**Northing (ITM):** N 725929  
**Direction of View:** N  
**Angle of View:** 72°

**Drone:** DJI Mini 3 Pro  
**Camera:** FC3582  
**Lens:** 24mm equivalent

**Camera Height:** 74m  
**Date:** 01.08.2023  
**Time:** 11:03



**View Point Description**

Elevated view from the North West corner of the site.

**Easting (ITM):** E 531703

**Northing (ITM):** N 726119

**Direction of View:** SE

**Angle of View:** 72°

**Drone:** DJI Mini 3 Pro

**Camera:** FC3582

**Lens:** 24mm equivalent

**Camera Height:** 42m

**Date:** 01.08.2023

**Time:** 10:54



**View Point Description**

Elevated view from the North West corner of the site.

**Easting (ITM):** E 531703

**Northing (ITM):** N 726119

**Direction of View:** SE

**Angle of View:** 72°

**Drone:** DJI Mini 3 Pro

**Camera:** FC3582

**Lens:** 24mm equivalent

**Camera Height:** 42m

**Date:** 01.08.2023

**Time:** 10:54



**View Point Description**

Elevated view from the North East corner of the site.

**Easting (ITM):** E 531786

**Northing (ITM):** N 726135

**Direction of View:** SW

**Angle of View:** 72°

**Drone:** DJI Mini 3 Pro

**Camera:** FC3582

**Lens:** 24mm equivalent

**Camera Height:** 42m

**Date:** 01.08.2023

**Time:** 10:55



**View Point Description**

Elevated view from the North East corner of the site.

**Easting (ITM):** E 531786

**Northing (ITM):** N 726135

**Direction of View:** SW

**Angle of View:** 72°

**Drone:** DJI Mini 3 Pro

**Camera:** FC3582

**Lens:** 24mm equivalent

**Camera Height:** 42m

**Date:** 01.08.2023

**Time:** 10:55

