BigLolly

CGI’s and Photomontages of proposals at Southgreen Kildare Village

VIEWPOINT LOCATION PLAN

VIEWPOINTS AND CAMERA LOCATIONS

Viewpoint 1
Location – 27 22 46E– 21 31 05N

Viewpoint 2
Location – 27 25 15E – 21 31 69N

Viewpoint
Location – 27 23 96E– 21 33 34N





CGI - View 1



CGI - View 2



CGI - View 3



CGI - View 4



CGI - View 5



Photomontage - View 1 (Existing)



Photomontage - View 1 (Proposed)



Photomontage - View 2 (Existing)



Photomontage - View 2 (Proposed)



Photomontage - View 3 (Existing)



Photomontage - View 3 (Proposed)

METHODOLOGY

Our methodology is compliant with relevant sections of: The Landscape Institute Guidelines for Landscape and Visual Impact Assessment: 3rd edition (April 2013); Photography and Photomontage in Landscape and Visual Impact Assessment; Technical Guidance Note 06/19 (17 September 2019).

Below is a basic overview of our approach:

BRIEF

We have been asked to produce a number of Type 3 photomontages. The location and scope of the views have been chosen through consultation with the planning consultant and relevant bodies.

PHOTOGRAPHY

For verified photography we take high resolution images from each viewpoint and record a number of parameters including accurate GPS location, camera height, lens focal length, camera and sensor information

3D DIGITAL MODELLING

Using the supplied design information such as architectural drawings and OSNI mapping, we use specialist 3D software to build and create a 3D digital model of the proposed scheme and surrounding area.

CAMERA MATCHING

The camera matching process involves accurately matching the position of the virtual camera with the real-world camera by importing the relevant information and aligning the proposed scheme within the surrounding area.

RENDER/COMPOSITING

Where applicable we use a daylight system to accurately match the lighting of the original photograph and use state of the art photo compositing software to composite and mask any elements of the render that would naturally be occluded.

DOCUMENTATION

The existing and proposed viewpoints are presented in a detailed document that includes all relevant information, such as viewpoint locations, camera and lens types, survey information and methodology used.

CAMERA INFORMATION

Camera - Fujifilm XT2 Ver.4.40
Lens - Fujifilm 18-55mm F2.8-4.0R LM OIS
Crop factor - 1.53
Resolution - 6000 x 4000 pixels
Tripod - Manfrotto at 1700mm height AGL

As set out in The Landscape Institute Guidelines for Landscape and Visual Impact Assessment since using an APSC sized camera, a focal length around 18mm has been used throughout to achieve a similar FOV as a full frame camera at 28mm focal length