

Verified Photomontages of
Proposed New Residential Development
At Newtownmoyaghy, Kilcock, Co. Meath



Prepared for:
McGarrell Reilly Homes
Charter House
5 Pembroke Row
Dublin 2
12/12/2019

Prepared by:
G-Net 3D

NSC Campus
Mahon, Cork

Tel: 021-2307043
info@gnet3d.com



Photomontage Methodology

Photography

The photos for views 1-9 were taken on the October 6th, 2019 and the photos for views 10 & 11 were taken on the October 20th, 2019. A Canon Eos T5i camera was used for all of the photography. Camera positions are indicated on the viewpoint map to the right.

Modelling

Preparation of an accurate 3D model of the proposed Housing Development including proposed housing units, duplexes, apartment buildings, landscape and infrastructure.

Setup

The following information is used to accurately position the 3D model into the photographs:

- Site survey,
- Photographs,
- The camera location of each photograph is accurately marked on the location OSI map.

To match the 3D camera view with the photograph we have to take the following steps: The camera height is taken from information gathered on the levels from where the photos are taken. The height levels of the proposed development are outlined on the site. Focal length is based on the photograph EXIF info.

This data is imported into our 3D software and the 3D camera is matched with the selected photographs. To match the 3D camera accurately we use all the above data and the reference 3D models. The reference 3D models are existing structures ie: buildings, roads, lamps, etc which are visible on the photographs. These items are modelled based on the survey information. After all of the above conditions are fulfilled and we are satisfied that the camera matches correctly, we proceed to the next step.

Rendering

We apply the materials and textures prior to rendering the photomontage images. Light settings are adjusted to match the brightness of the photographs and sun is positioned according to the date and time the photo was taken.

Post processing

This process means incorporating a 3D rendered model of the proposed Housing Development into the photograph to achieve the final result.



Viewpoint map

1. View south from the junction of R125 and Moyglare Road.
2. View south east from the County Bridge, a protected structure.
3. View south-east from the R407 at Shaw Bridge – a scenic viewpoint – KCC DP.
4. View north / northeast from Branganstown south of canal and rail line.
5. View north-west from R148 adjacent to the Royal Canal.
6. View north-west from the Chambers Bridge, a scenic viewpoint – KCC DP.
7. View west from Moyglare Road at a farmyard entrance.
8. View east from western entrance to Kilcock over Royal Canal.
9. View east/south-east from R125 at distributor road junction.
10. View east from R148 / Royal Canal Way at site.
11. Open view north from Royal Canal Way adjacent to site.



Visual Impact Assessment

VIEW 1

EXISTING

Issue Date:
12/12/2019

Photo info:
06-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



www.net3d.ie



Visual Impact Assessment

VIEW 1

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



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Visual Impact Assessment

VIEW 2

EXISTING

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killock, Co. Meath



Visual Impact Assessment

VIEW 2

PROPOSED

Issue Date:
12/12/2019

Photo info:
06-10-2019

Project:
Proposed Housing Develop-
ment, Killock, Co. Meath



Visual Impact Assessment

VIEW 3

EXISTING

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killock, Co. Meath



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Visual Impact Assessment

VIEW 3

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killock, Co. Meath



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Visual Impact Assessment

VIEW 4

EXISTING

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

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Visual Impact Assessment

VIEW 4 Proposed with the year 1 landscape

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killock, Co. Meath



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Visual Impact Assessment

VIEW 4 Proposed with the year 15 landscape

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killock, Co. Meath



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Visual Impact Assessment

VIEW 5

EXISTING

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killock, Co. Meath



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Visual Impact Assessment

VIEW 5 Proposed with the Year 1 landscape

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



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Visual Impact Assessment

VIEW 5 Proposed with the year 15 landscape

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Kilcock, Co. Meath



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Visual Impact Assessment

VIEW 6

EXISTING

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



Visual Impact Assessment

VIEW 6

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



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Visual Impact Assessment

VIEW 7

EXISTING

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



Visual Impact Assessment

VIEW 7

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



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Visual Impact Assessment

VIEW 8

EXISTING

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Kilcock, Co. Meath



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Visual Impact Assessment

VIEW 8

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Killock, Co. Meath



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Visual Impact Assessment

VIEW 9

EXISTING

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

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Visual Impact Assessment

VIEW 9

Proposed with the year 1 landscape

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

Proposed Housing Development, Kilcock, Co. Meath



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Visual Impact Assessment

VIEW 9 Proposed with the year 15 landscape

PROPOSED

Issue Date:

12/12/2019

Photo info:

06-10-2019

Project:

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Visual Impact Assessment

VIEW 10

EXISTING

Issue Date:

12/12/2019

Photo info:

20-10-2019

Project:

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Visual Impact Assessment

VIEW 10 Proposed with the year 1 landscape

PROPOSED

Issue Date:

12/12/2019

Photo info:

20-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



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Visual Impact Assessment

VIEW 10 Proposed with the year 15 landscape

PROPOSED

Issue Date:

12/12/2019

Photo info:

20-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



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Visual Impact Assessment

VIEW 11

EXISTING

Issue Date:
12/12/2019

Photo Info:
20-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



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Visual Impact Assessment

VIEW 11 Proposed with the year 1 landscape

PROPOSED

Issue Date:

12/12/2019

Photo Info:

20-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



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Visual Impact Assessment

VIEW 11 Proposed with the year 15 landscape

PROPOSED

Issue Date:

12/12/2019

Photo Info:

20-10-2019

Project:

Proposed Housing Development, Killocock, Co. Meath



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