



APPENDIX 10-1

PHOTOMONTAGE REPORT



PHOTOMONTAGE REPORT

PROJECT
GATEWAY
Knocknacarra District Centre,
Rahoon, Galway

PREPARED FOR
Glenveagh Living Limited

PREPARED BY
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DATE
OCTOBER 2019

unique
www.uniqueAT.com

Methodology for creation of photomontage views for the proposed development

GATEWAY, Knocknacarra District Centre, Ragoon, Galway

PREPARED: MAY 2019

OVERVIEW

This document has been prepared by uniqueAT to explain the methodology used for producing the photomontage images for the proposed development, Phase 3 of the Knocknacarra District Centre, Galway. The purpose of this appendix is to present an accurate overview of the proposed development, which enables its effect on the skyline, important settings, and sensitive locations to be objectively evaluated with regard to relevant planning policy criteria.

SITE PHOTOGRAPHY

The photographs were taken using a Canon EOS 6D full sensor camera, using 24mm and 40mm dedicated prime lenses. A bubble level was fixed to the camera head to ensure the images captured were perfectly horizontal. The camera was mounted on a heavy-duty tripod and set at a height of 1.54 metres above ground level, in order to reflect as closely as possible, the views as seen through the human eye.

A detailed site survey was provided by the Architects, allowing block models of existing buildings and landscape to be modelled. Proposed viewpoint locations were marked on the site survey and identified by Ordinance Survey coordinates. Every camera viewpoint was surveyed.

3DS MAX MODELLING

The detailed site survey, block models, site layout, reference points and camera viewpoint positions were overlaid and aligned within 3DS Max software to create a base model of the development. A virtual camera was set up within the base model at each viewpoint, using the 3D coordinates of the photographer's viewpoints. The virtual viewpoints were matched with the photographs to confirm the correct field of view of the virtual camera.

The Architects provided Revit model, which were imported into 3DS Max software. Individual three-dimensional models of the proposed development were then created and optimized in 3DS Max model.

The individual models of the development were then accurately placed into the base model, at the relevant orientation and levels.

POST PRODUCTION

The rendered models from 3DS Max were then superimposed on the existing photographs in Photoshop. The foreground of the photographs (for example, cars, trees, footpaths) were copied and placed over the rendered models, ensuring accurate depth between the foreground, background and rendered models.



Example print-screens of virtual camera with 3D model of proposed development and surveyed context allowing to align 3D perspective and match accordingly to photographs taken on specific viewpoint locations.



CAMERA VIEW LOCATION MAP



VIEWPOINT COORDINATES

VP 1 – View Point 1	53° 16' 22" N 9° 5' 56" W
VP 2 – View Point 2	53° 16' 13" N 9° 5' 46" W
VP 3 – View Point 3	53° 16' 19" N 9° 5' 41" W
VP 4 – View Point 4	53° 16' 13" N 9° 5' 29" W
VP 5 – View Point 5	53° 16' 21" N 9° 5' 32" W
VP 6 – View Point 6	53° 16' 31" N 9° 6' 41" W
VP 7 – View Point 7	53° 16' 36" N 9° 6' 29" W
VP 8 – View Point 8	53° 16' 29" N 9° 5' 42" W
VP 9A – View Point 9A	53° 16' 23" N 9° 5' 42" W
VP 9B – View Point 9B	53° 16' 25" N 9° 5' 41" W
VP 10 – View Point 10	53° 16' 38" N 9° 5' 49" W

CAMERA / VIEW INFORMATION

View Reference Name: VP 1 – View Point 1
Coordinates: 53° 16' 22" N 9° 5' 56" W
Camera Elevation: 30.5 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 1 – LOCATION



VIEW POINT 1 – EXISTING PHOTOGRAPH



VIEW POINT 1 – PROPOSED DEVELOPMENT PHOTOMONTAGE





CAMERA / VIEW INFORMATION

View Reference Name: VP 2 – View Point 2
Coordinates: 53° 16' 13" N 9° 5' 46" W
Camera Elevation: 30.5 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 2 – LOCATION



VIEW POINT 2 – EXISTING PHOTOGRAPH



VIEW POINT 2 – PROPOSED DEVELOPMENT PHOTOMONTAGE





PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:

VIEW POINT 2 – PROPOSED DEVELOPMENT PHOTOMONTAGE

JOB:

Gateway, Knocknacarra District Centre, Rahoon, Galway

CLIENT:

Glenveagh Living Limited

DRAWING No:

005

DATE:

OCTOBER 2019

CAMERA / VIEW INFORMATION

View Reference Name: VP 3 – View Point 3
Coordinates: 53° 16' 19" N 9° 5' 41" W
Camera Elevation: 33.4 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 3 – LOCATION



VIEW POINT 3 – EXISTING PHOTOGRAPH



VIEW POINT 3 – PROPOSED DEVELOPMENT PHOTOMONTAGE





PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:

VIEW POINT 3 – PROPOSED DEVELOPMENT PHOTOMONTAGE

JOB:

Gateway, Knocknacarra District Centre, Rahoon, Galway

CLIENT:

Glenveagh Living Limited

DRAWING No:

007

DATE:

OCTOBER 2019



PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:

VIEW POINT 3 – PROPOSED DEVELOPMENT PHOTOMONTAGE

JOB:

Gateway, Knocknacarra District Centre, Rahan, Galway

CLIENT:

Glenveagh Living Limited

DRAWING No:

007

DATE:

OCTOBER 2019

CAMERA / VIEW INFORMATION

View Reference Name: VP 4 – View Point 4
Coordinates: 53° 16' 13" N 9° 5' 29" W
Camera Elevation: 40.5 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 4 – LOCATION



VIEW POINT 4 – EXISTING PHOTOGRAPH



VIEW POINT 4 – PROPOSED DEVELOPMENT PHOTOMONTAGE



PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:
VIEW POINT 4 – EXISTING PHOTOGRAPH

JOB:
Gateway, Knocknacarra District Centre, Rahan, Galway
CLIENT:
Glenveagh Living Limited

DRAWING No:
012
DATE:
OCTOBER 2019





PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:
VIEW POINT 4 – PROPOSED DEVELOPMENT PHOTOMONTAGE

JOB:
Gateway, Knocknacarra District Centre, Rahan, Galway
CLIENT:
Glenveagh Living Limited

DRAWING No:
009
DATE:
OCTOBER 2019



CAMERA / VIEW INFORMATION

View Reference Name: VP 5 – View Point 5
Coordinates: 53° 16' 21" N 9° 5' 32" W
Camera Elevation: 40.5 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 5 – LOCATION



VIEW POINT 5 – EXISTING PHOTOGRAPH



VIEW POINT 5 – PROPOSED DEVELOPMENT PHOTOMONTAGE



PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:

VIEW POINT 5 – EXISTING PHOTOGRAPH

JOB:

Gateway, Knocknacarra District Centre, Rahoon, Galway

CLIENT:

Glenveagh Living Limited

DRAWING No:

015

DATE:

OCTOBER 2019



PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:

VIEW POINT 5 – PROPOSED DEVELOPMENT PHOTOMONTAGE

JOB:

Gateway, Knocknacarra District Centre, Rahoon, Galway

CLIENT:

Glenveagh Living Limited

DRAWING No:

011

DATE:

OCTOBER 2019

CAMERA / VIEW INFORMATION

View Reference Name: VP 6– View Point 6
Coordinates: 53° 16' 31" N 9° 6' 41" W
Camera Elevation: 53.2 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 6 – LOCATION



VIEW POINT 6 – EXISTING PHOTOGRAPH



VIEW POINT 6 – PROPOSED DEVELOPMENT PHOTOMONTAGE





CAMERA / VIEW INFORMATION

View Reference Name: VP 7– View Point 7
Coordinates: 53° 16' 36" N 9° 6' 29" W
Camera Elevation: 49.0 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 7 – LOCATION



VIEW POINT 7 – EXISTING PHOTOGRAPH



VIEW POINT 7 – PROPOSED DEVELOPMENT PHOTOMONTAGE



PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:

VIEW POINT 7 – EXISTING PHOTOGRAPH

JOB:

Gateway, Knocknacarra District Centre, Rahaon, Galway

CLIENT:

Glenveagh Living Limited

DRAWING No:

021

DATE:

OCTOBER 2019



CAMERA / VIEW INFORMATION

View Reference Name: VP 8– View Point 8
Coordinates: 53° 16' 29" N 9° 5' 42" W
Camera Elevation: 31.6 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 8 – LOCATION



VIEW POINT 8 – EXISTING PHOTOGRAPH



VIEW POINT 8 – PROPOSED DEVELOPMENT PHOTOMONTAGE



PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:

VIEW POINT 8 – EXISTING PHOTOGRAPH

JOB:

Gateway, Knocknacarra District Centre, Rahoon, Galway

CLIENT:

Glenveagh Living Limited

DRAWING No:

024

DATE:

OCTOBER 2019



PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:

VIEW POINT 8 – PROPOSED DEVELOPMENT PHOTOMONTAGE

JOB:

Gateway, Knocknacarra District Centre, Rahoon, Galway

CLIENT:

Glenveagh Living Limited

DRAWING No:

017

DATE:

OCTOBER 2019

CAMERA / VIEW INFORMATION

View Reference Name: VP 9A– View Point 9A
Coordinates: 53° 16' 23" N 9° 5' 42" W
Camera Elevation: 33.4 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 9A – LOCATION



VIEW POINT 9A – EXISTING PHOTOGRAPH



VIEW POINT 9A – PROPOSED DEVELOPMENT PHOTOMONTAGE



PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:
VIEW POINT 9A – EXISTING PHOTOGRAPH

JOB:
Gateway, Knocknacarra District Centre, Rahoon, Galway
CLIENT:
Glenveagh Living Limited

DRAWING No:
027
DATE:
OCTOBER 2019





CAMERA / VIEW INFORMATION

View Reference Name: VP 9B– View Point 9A
Coordinates: 53° 16' 25" N 9° 5' 41" W
Camera Elevation: 32.7 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 9B – LOCATION



VIEW POINT 9B – EXISTING PHOTOGRAPH



VIEW POINT 9B – PROPOSED DEVELOPMENT PHOTOMONTAGE





PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:

VIEW POINT 9B – PROPOSED DEVELOPMENT PHOTOMONTAGE

JOB:

Gateway, Knocknacarra District Centre, Rahoon, Galway

CLIENT:

Glenveagh Living Limited

DRAWING No:

021

DATE:

OCTOBER 2019

CAMERA / VIEW INFORMATION

View Reference Name: VP 10– View Point 10
Coordinates: 53° 16' 25" N 9° 5' 41" W
Camera Elevation: 32.7 m
Camera Model: CANON EOS 6D
Camera Lens: Samyang TS 24mm



VIEW POINT 10 – LOCATION



VIEW POINT 10 – EXISTING PHOTOGRAPH



VIEW POINT 10 – PROPOSED DEVELOPMENT PHOTOMONTAGE





PREPARED BY:
Unique Advanced Technologies Ltd.
Unit 13 Classon House, Dundrum Business Park,
Dundrum, Dublin 14, Ireland
www.uniqueAT.com

DRAWING:
VIEW POINT 10 – PROPOSED DEVELOPMENT PHOTOMONTAGE

JOB:
Gateway, Knocknacarra District Centre, Rahoon, Galway
CLIENT:
Glenveagh Living Limited

DRAWING No:
023
DATE:
OCTOBER 2019

