

Devoy Barracks - Photomontages and CGIs

28/03/22

OUR METHODOLOGY

Overview

Our aim for this project is to reproduce a photo-realistic render, true to the time, date and weather conditions at the time of photography. While in constant communication with the project architects, landscaper designers and other relevant sub contractors to stay true to their vision for the project.

Proposed Development

The Proposed Development is to be supplied by the project architects in either autoCad or a 3d model. Please note however, that Redline Studios will re-model any model received to maintain our high standards of modelling, texturing, lighting and to fit into our pipeline down the line.

Photography

Photography is taken on a suitable time, date and weather conditions where appropriate, deadlines may affect this. Lens type will depend on the shot location.

For each agreed photo view point location, photographs were taken with a digital SLR camera, the camera location is marked with surveyors paint, for the surveyor to pick up at a later time.

Camera information is listed with the images in this document.

Survey

All our surveying is out sourced to an experienced survey team. We send them a map of the locations along with the images that will be used. The Surveyor picks up the camera location, and various points in the photograph for 3d camera matching later on.

The survey is overlaid over an existing site survey, all matched to the Irish National Grid. This gives us the exact camera, location in relation to the site.

Post Production

We use a full 32-bit linear work flow in our pipeline by using 32 bit files we can include

all the image's tones without any problems – we just can't view them all at the same time becuase the monitor can only show 8 bits of tonal data allowing for maximum control over the image in post production.

The rendered image and its survey points are placed over the photo and matched up to each other. Using the latest software, techniques and calling on our years of experience we manipulate the image to fit and look as photo-realistic as possible in to the existing image.

Objects in the foreground are masked out, based on observations made on site, over the render and objects behind are covered by the render image.





Camera: Nikon D810 Photo Description: John Devoy Road, looking north-west Lens: 24mm Date: 22 02 2021 Time: 09:41 Distance to Site: 30m





Base 02 Photo Description: John Devoy Road, looking north-west Distance to Site: 30m Camera: Nikon D810 Lens: 24mm Date: 25 02 2021 Time: 13:10



Proposed 02

Photo Description: John Devoy Road, looking north-west

Distance to Site: 30m

Camera: Nikon D810

Lens: 24mm

Date: 25 02 2021

Time: 13:10



Photo Description: St Patricks Terrace, looking south Camera: Nikon D810 Lens: 24mm Date: 25 02 2021 Time: 13:16 Distance to Site: 57m



Proposed 03

Photo Description: St Patricks Terrace, looking south

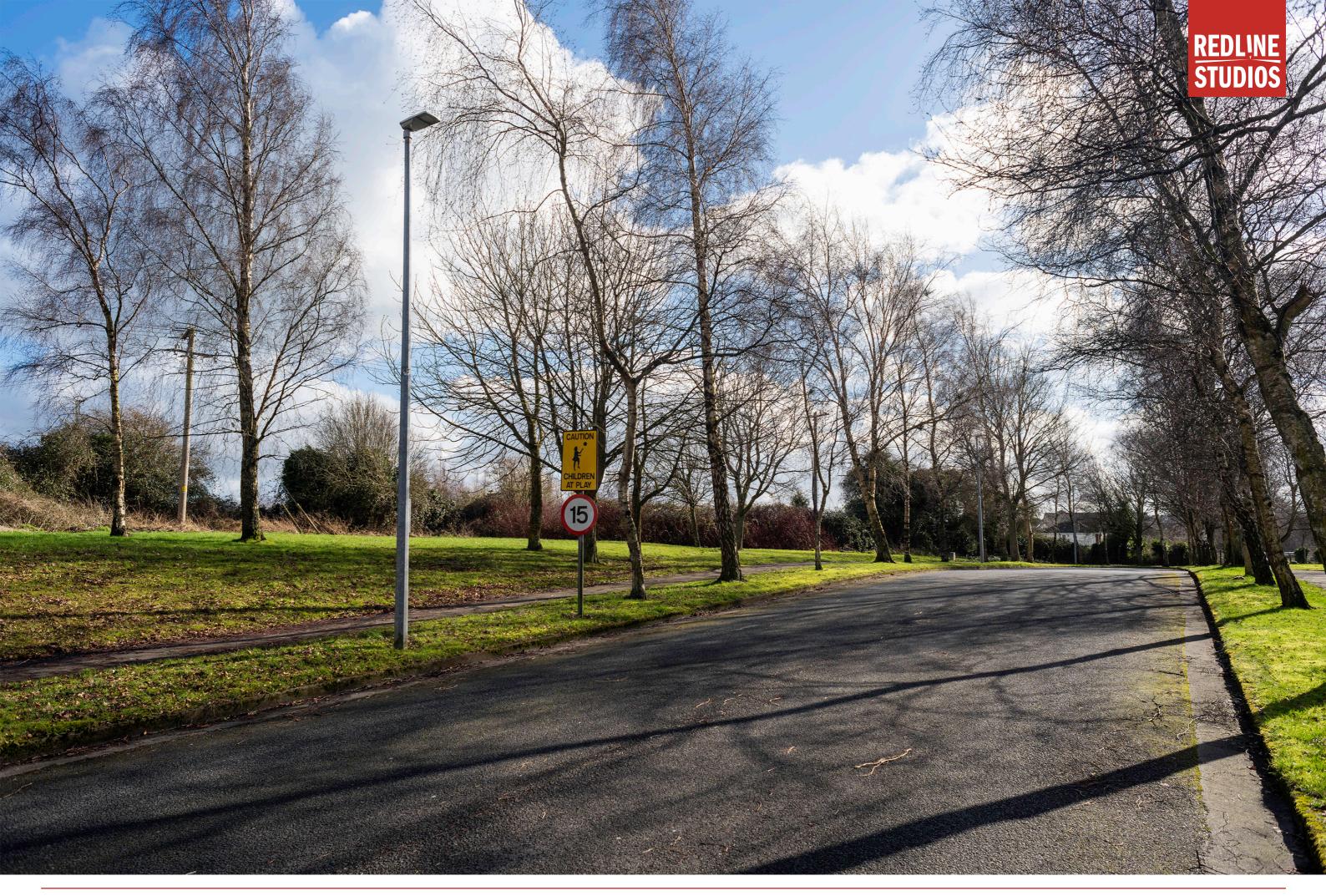
Distance to Site: 57m

Camera: Nikon D810

Lens: 24mm

Date: 25 02 2021

Time: 13:16



Base 04 Photo Description: Archonagh, looking south-east Distance to Site: 50m Camera: Nikon D810 Lens: 24mm Date: 25 02 2021 Time: 13:20



Proposed 04

Photo Description: Archonagh, looking south-east

Distance to Site: 50m

Camera: Nikon D810

Lens: 24mm

Date: 25 02 2021

Time: 13:20



Base 05

Photo Description: Archonagh, looking east

Distance to Site: 40m

Camera: Nikon D810

Lens: 24mm

Date: 25 02 2021

Time: 13:21



Proposed 05

Photo Description: Archonagh, looking east

Distance to Site: 40m

Camera: Nikon D810

Lens: 24mm

Date: 25 02 2021

Time: 13:21



Base 06

Photo Description: Archonagh, looking north-east

Distance to Site: 80m

Camera: Nikon D810

Lens: 24mm

Date: 22 02 2021

Time: 09:57



Proposed 06

Photo Description: Archonagh, looking north-east

Distance to Site: 80m

Camera: Nikon D810

Lens: 24mm

Date: 22 02 2021

Time: 09:57



Base 07

Photo Description: Archonagh, looking north-east

Distance to Site: 102m

Camera: Nikon D810

Lens: 24mm

Date: 22 02 2021

Time: 09:53



Proposed 07

Photo Description: Archonagh, looking north-east

Distance to Site: 102m

Camera: Nikon D810

Lens: 24mm

Date: 22 02 2021

Time: 09:53















Aerial Base 01

Photo Description: XXX

Distance to Site: XXX

Camera: XXX

Lens: 22mm

Date: 14 02 2022

Time: 12:34





Aerial Base 02

Photo Description: XXX

Distance to Site: XXX

Camera: XXX

Lens: 22mm

Date: 14 02 2022

Time: 12:35



Aerial Proposed 02 Photo Description: xxx Distance to Site: xxx Camera: xxx Lens: 22mm Date: 14 02 2022 Time: 12:35



Aerial Base 03 Lens: 22mm Date: 14 02 2022 Photo Description: XXX Distance to Site: XXX Camera: XXX





Aerial Base 04

Photo Description: XXX

Distance to Site: XXX

Camera: XXX

Lens: 22mm

Date: 14 02 2022

Time: 12:38



REDLINE STUDIOS

80 Harcourt Street

info@redlinestudios.ie

www.redlinestudios.ie

01 478 8792