

Verified View Photomontage for
Proposed Neighbourhood 7 Residential Development at
Longview, Ballyvolane, Cork



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Document at A3 prepared by

G-Net 3D, NSC Campus, Mahon Cork

Tel: 021-230 7043

www.gnet3d.com

Verified View Photomontage Methodology

The methodology used to develop the photomontages is based on the “Visual Representation of Development Proposals” Guidance note by the Landscape Institute, 2019.

Photography

The photography was carried out on the July 17th, 2024, using Sony α7RIII full frame camera. A 50mm prime lens was used for the photography.

A recommended viewing distance of the photomontages taken is around 500mm or an arm length from eyes when printed on A3 paper.

Geomax Zenith 60 GPS Antennae was used to accurately record the viewpoint and reference markers’ coordinates and height levels. Viewpoint locations are indicated in the viewpoint map to the right, viewpoint coordinates and information on photography is under each photo.

Modelling

Preparation of an accurate 3D model of the proposed residential development including mass models of Permission Granted Longview SHD and White’s Cross LRD developments

Setup

The following information is used to accurately position the model of the proposed development into the photographs:

- Site survey,
- Photographs,
- Verified viewpoint coordinates and height levels are accurately marked on the location OSi map.

To match the 3D camera view with the photograph we take the following steps:

The camera height is taken from information gathered on the levels from where the photos are taken (table below photograph). 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 i.e. buildings, roads, lamps, etc which are visible on the photographs. These items are modelled based on the survey information. After all 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 image of the proposed development into the photograph to achieve the final result.

Baseline View. Grey block models represent Permission Granted Developments including Longview SHD ABP Case No 306325 and White's Cross LRD



Verified View Montage of
Proposed Neighbourhood 07
Development

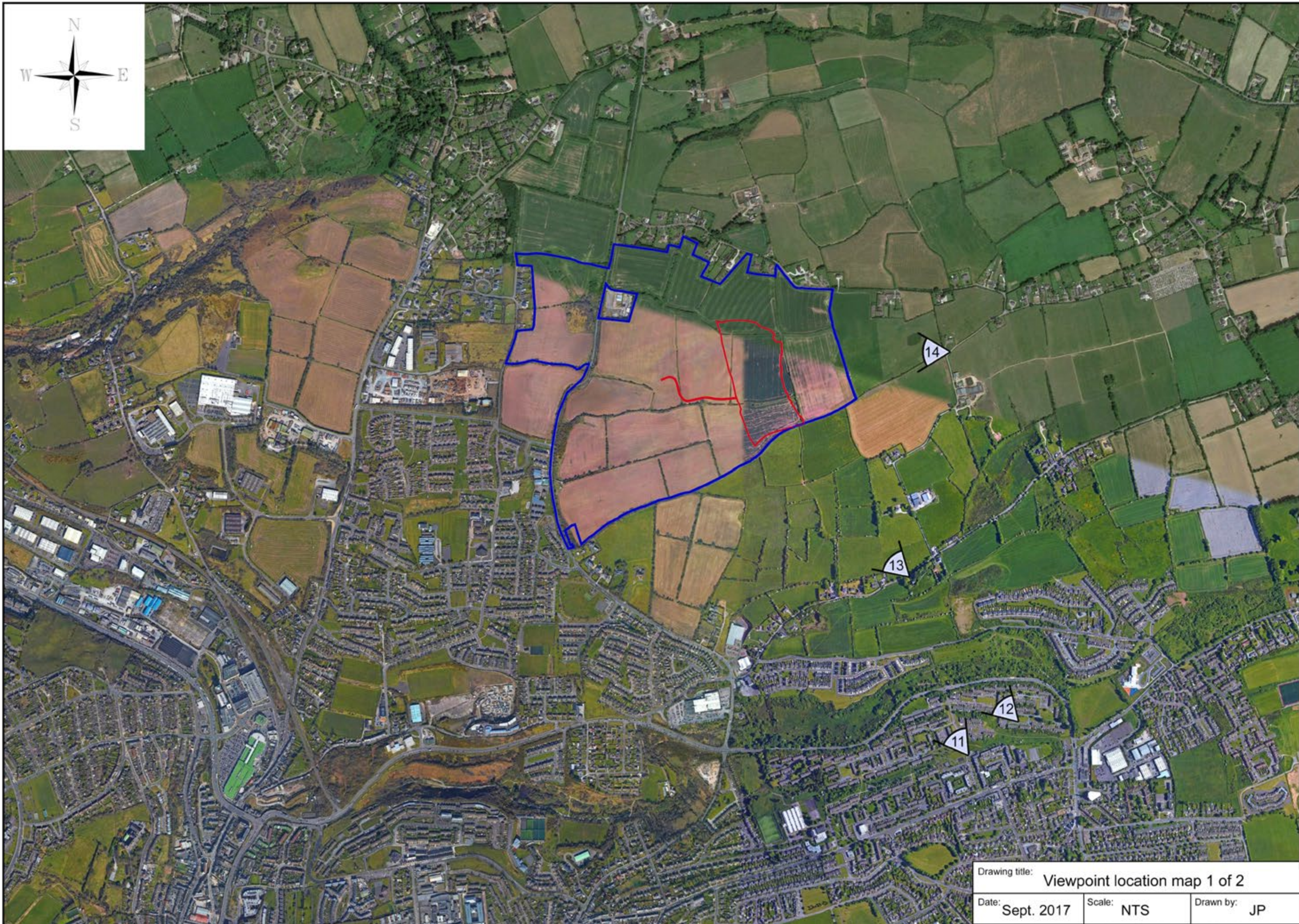


<< 50mm 39.6°

39.6° 50mm >>

Ballyvolane Site Views
CGI Photomontage

Date: November 2025



Drawing title: Viewpoint location map 1 of 2		
Date: Sept. 2017	Scale: NTS	Drawn by: JP



Camera Location Info







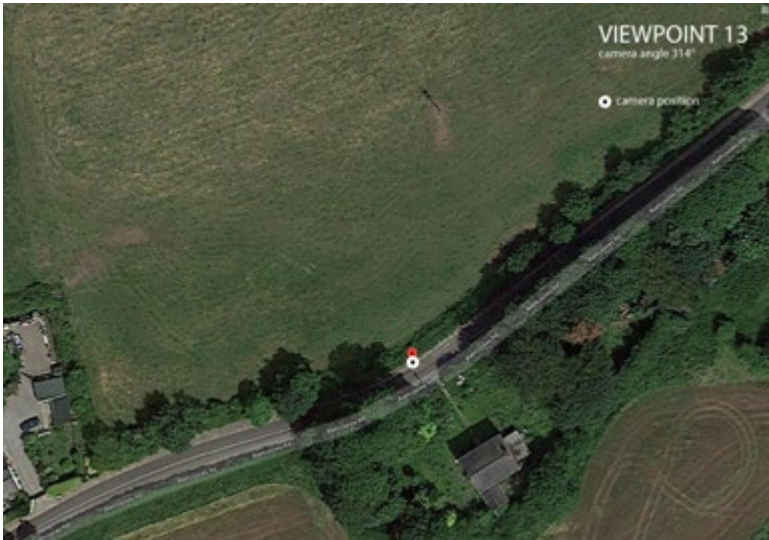
Camera Location Info







Camera Location Info





Camera Location Info



