



FEWER HARRINGTON & PARTNERS
ARCHITECTS, PLANNERS & PROJECT MANAGERS

Photomontage Methodology Report of
Proposed Apartment development @ Speaker's Corner,
Lower Carey's Road, Limerick.
Client - Limerick City & Count Council

*Date - 3rd of August 2022
Job No.- 21.007*



PHOTOMONTAGE METHODOLOGY

PHOTOGRAPHY

The photos for views 1-6 were taken on the 06th May, 2021.
Camera positions are indicated on the viewpoint map to the right.

MODELLING

Preparation of an accurate 3D model of the proposed buildings and site plan including landscaping and roads.

SETUP

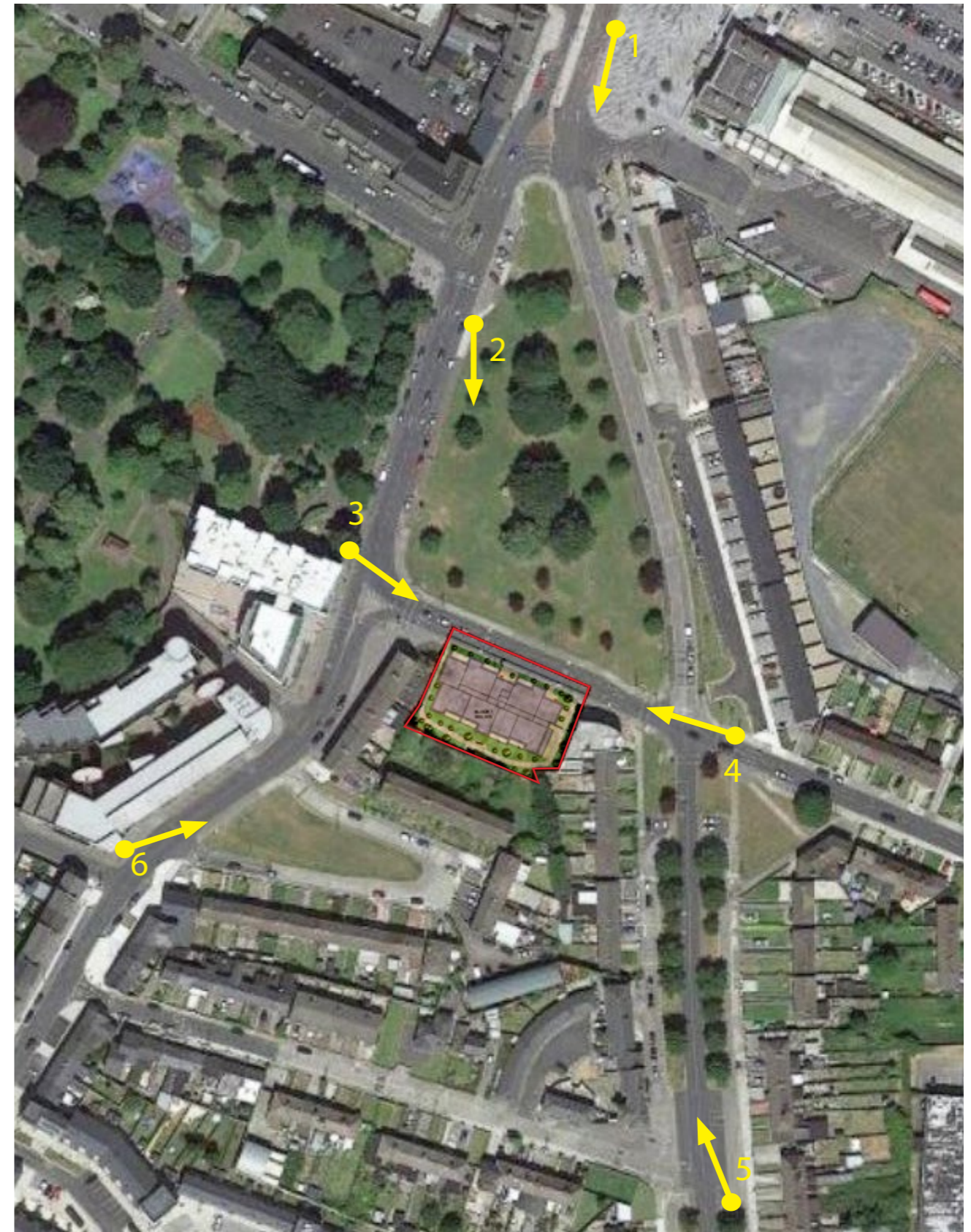
The following information is used to accurately position the 3D model into the photographs: -Site survey, -Photographs, -The camera location of each photograph is accurately marked on the location OSi map. To match the 3D camera view with the photograph we have taken the following steps: The camera height 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 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 development into the photograph to achieve the result.



PHOTOMONTAGE VIEWPOINT POSITIONING

View 1. - Existing



View 1. - Proposed



View 2. - Existing



View 2. - Proposed



View 3. - Existing



View 3. - Proposed



View 4. - Existing



View 4. - Proposed



View 5. - Existing



View 5. - Proposed



View 6. - Existing



View 6. - Proposed

