Long Point Loughrea Amenity Area

Verified Views Photomontage Booklet

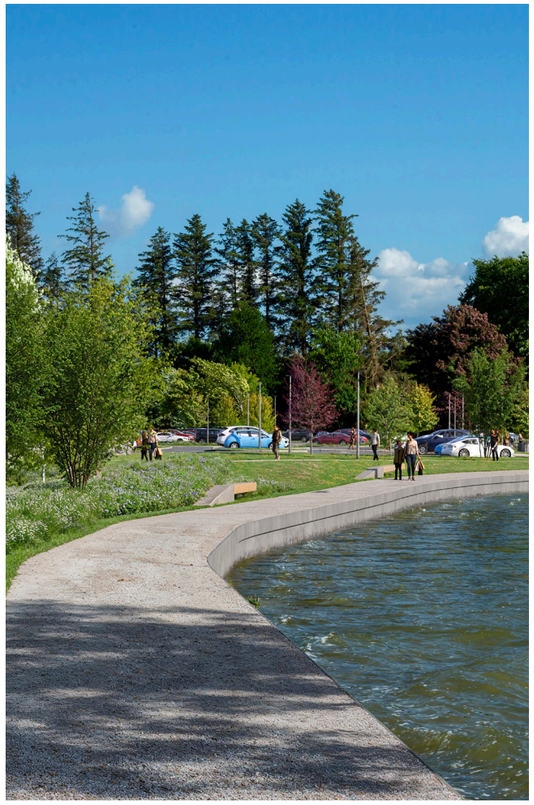
PHOTOMONTAGE OVERVIEW

Photomontages are photorealistic visualisations that superimpose an image of a proposed development upon a photograph or series of photographs. They are intended as graphical representations of how a proposed development will appear in the existing landscape and are used as a tool to inform Landscape and Visual Impact Assessment (LVIA).

This photomontage booklet contains verified photomontages captured and produced by MKO. The verified photomontages are classified as Type 4 Visualisations in the Landscape Institute Technical Guidance Note 06/19 (Landscape Institute, 2019).

The methodology below details the tools and processes used to produce Type 4 photomontages. Photomontages require the use of equipment and processes which provide quantifiable verification data, such that they may be checked for accuracy (as per industry-standard 'AVRs' or 'Verified Views'). Precise survey of features and viewpoint / camera locations may be included where warranted. Type 4 visualisations are generally reproduced with scale representation.

Type 4 visualisations represent the highest level of accuracy and verifiability for use in the most demanding of situations.



METHODOLOGY

PHOTOGRAPHY

Photographic imagery was captured from viewpoint locations using a 50mm lens with a full frame sensor camera to minimise image distortion. The camera was mounted on a tripod at an above ground height of approximately 1.6 metres (representative of the average eye height of a visual receptor).

GPS SURVEY

GPS coordinates are recorded for the location and position of the tripod mounted camera (viewpoint location). Coordinates of each viewpoint location are recorded in the photomontage booklet.

3D MODELLING

A 3D digital model of the proposed development was created using 3D modelling software (3D Studio Max). The scaled digital model is built using the drawings & specifications supplied by the developer and architects. The 3D architectural model is then integrated with a high-resolution topographical terrain model including the viewpoints capture locations. The model of the proposal is positioned relative to the virtual camera with the aid of reference control points to ensure a baseline photo match of perspective and scale.

RENDERING

A rendering is applied to the imagery that best represents the proposed materials from which the proposed development will comprise in the light conditions when the photomontage was captured.

LAYOUT

The photomontages are presented at a 39.6° field of view. The 39.6° photomontage is presented to best represent the view of a visual receptor at any one time, and is recommended for verified photomontages. The viewpoint's coordinates, the time and date of capture, as well as the camera and lens employed, are recorded. The visualisations in this booklet are presented in the following layouts:

- **Existing View:** Shows the baseline landscape conditions as it currently exists.
- **Proposed View:** Shows a scaled verified render of the Proposed Development within the current landscape with proposed planting in place.

Map Legend

- Proposed Project Site Boundary
- Lough Rea
- LVIA Study Area
- Photomontage Viewpoints (VP1-VP3)

N

0 0.5 1 km

Corry's Field Walk

Loughrea Town

VP1

VP3

VP2

Long Point

R351 Lake Rd

Map Legend

- Proposed Project Site Boundary
- Lough Rea
- GCDP 2022-28 Protected View
- Photomontage Viewpoints (VPs)
  - VP1: Corry's Field Walk - Bench Viewpoint

N

0 0.1 km

Loughrea Town

R380 Regional Rd

Direction of Protected View

G-V40

Corry's Field Walk

VP1

View Direction towards Proposed Development

Map Legend

- Proposed Project Site Boundary
- Lough Rea
- Photomontage Viewpoints (VPs)
  - VP2: Carpark Internal SE Corner
  - VP3: R351 Lake Rd Public Parking Overlook

N

0 0.1 km

Public Parking Overlook

VP3

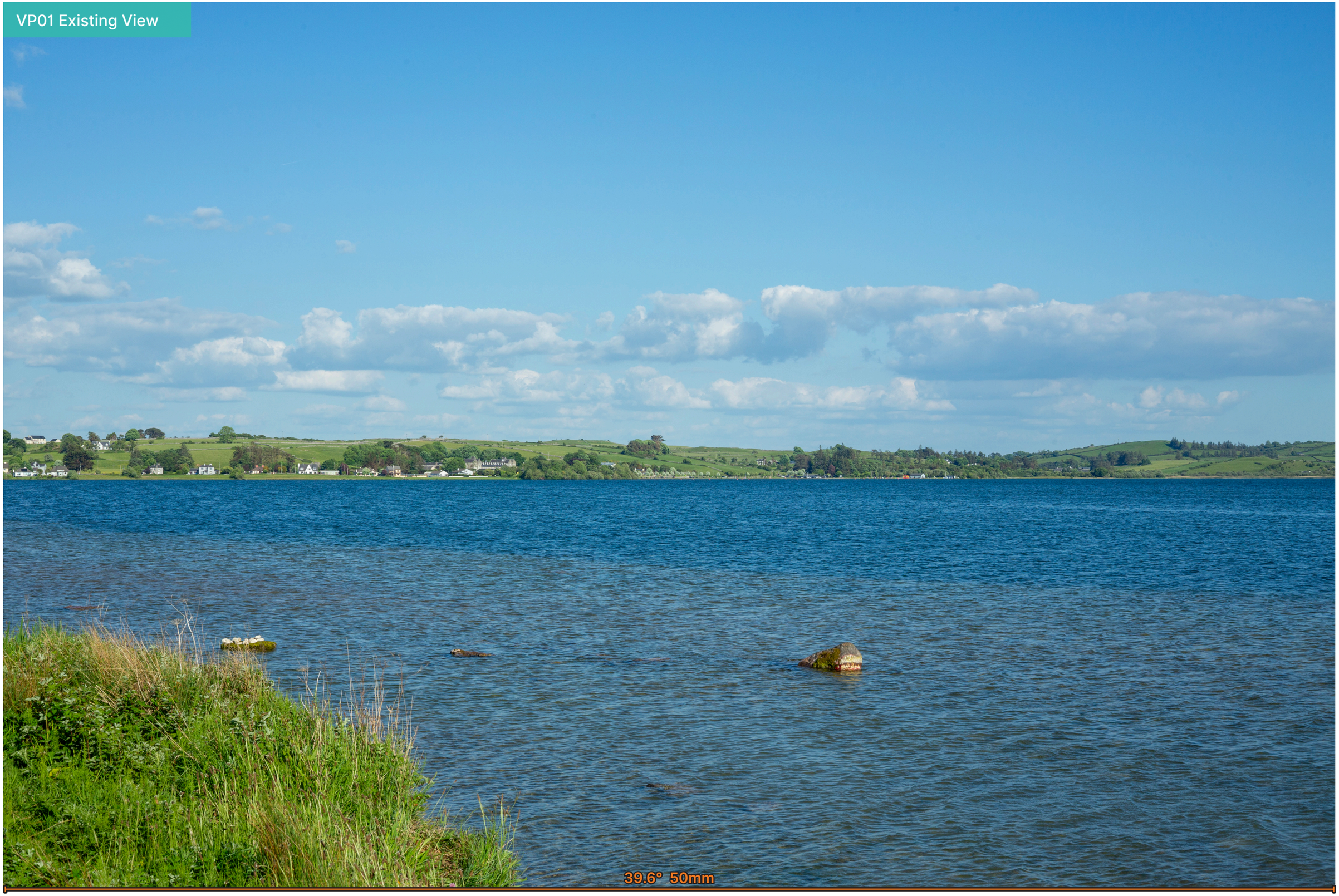
R351 Lake Rd

Lough Rea Footpath

VP2

Long Point

VP01 Existing View



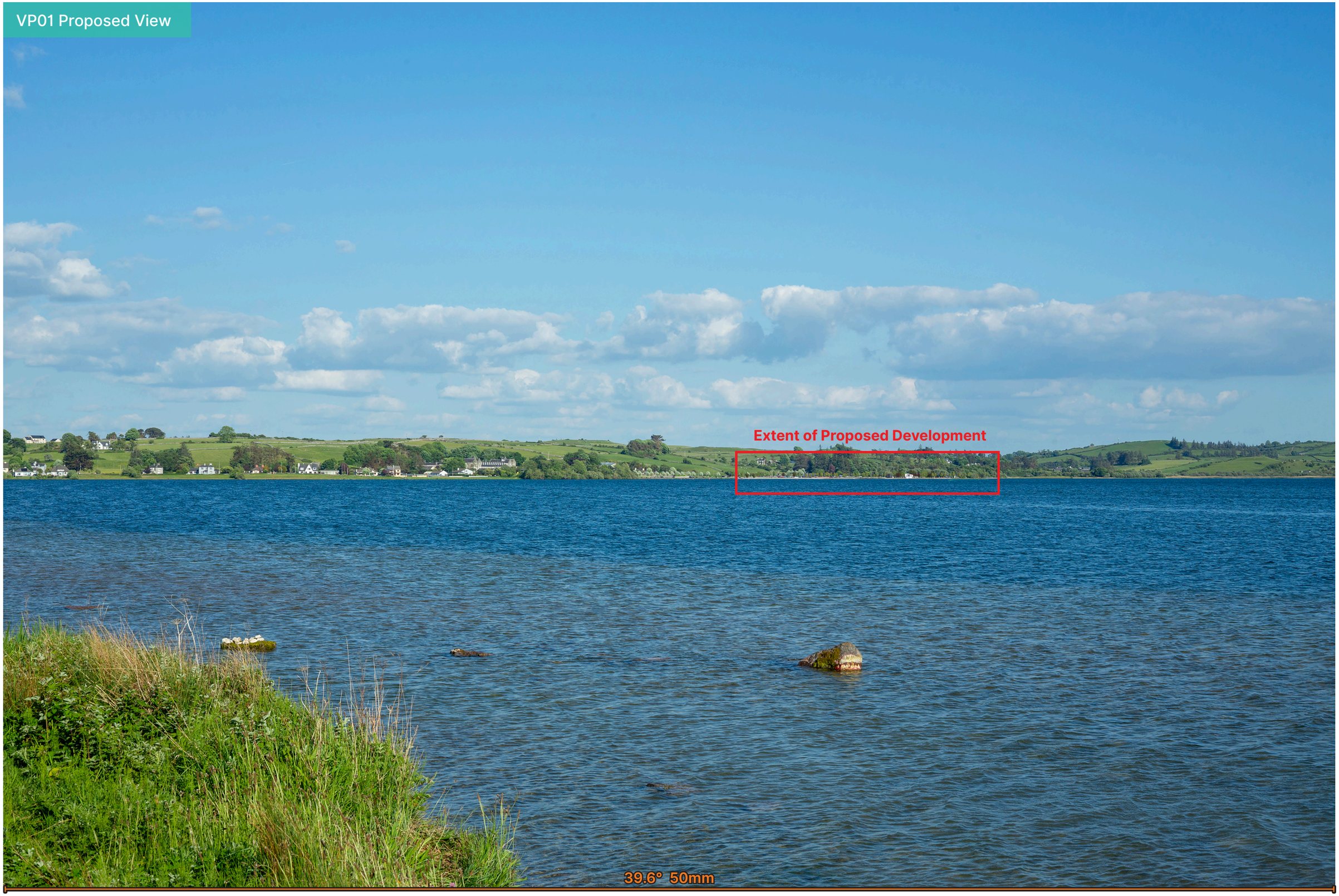
Corry's Field Walk - Bench Viewpoint: Bench at Corry's Field Walk mid-point with scenic view overlooking the entire lake. Represents unobstructed, open views towards the Proposed Development from the area near GCDP Protected View GV40.

Viewpoint Location (ITM)
X: 560798 Y: 716247

Time: 18:16
Date: 21/05/2025

Camera:
Canon 5D Mark III

VP01 Proposed View



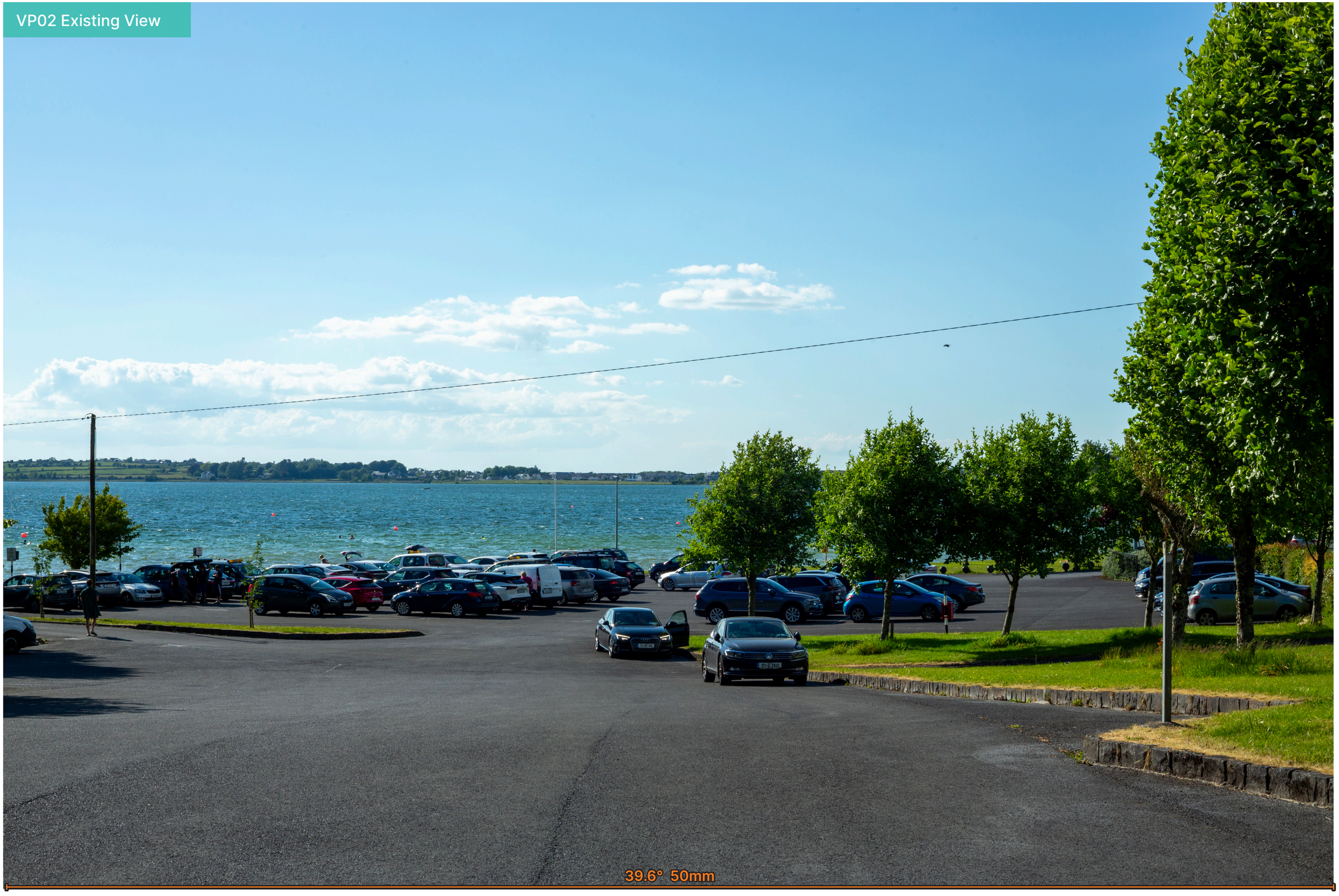
Corry's Field Walk - Bench Viewpoint: Bench at Corry's Field Walk mid-point with scenic view overlooking the entire lake. Represents unobstructed, open views towards the Proposed Development from the area near GCDP Protected View GV40.

Viewpoint Location (ITM)
X: 560798 Y: 716247

Time: 18:16
Date: 21/05/2025

Camera:
Canon 5D Mark III

VP02 Existing View



Carpark Internal SE Corner: View looking northwest over new and existing carpark from inside the Site boundary at the SE corner.

Viewpoint Location (ITM)
X: 562575 Y: 715188

Time: 17:32
Date: 21/05/2025

Camera:
Canon 5D Mark III

VP02 Proposed View

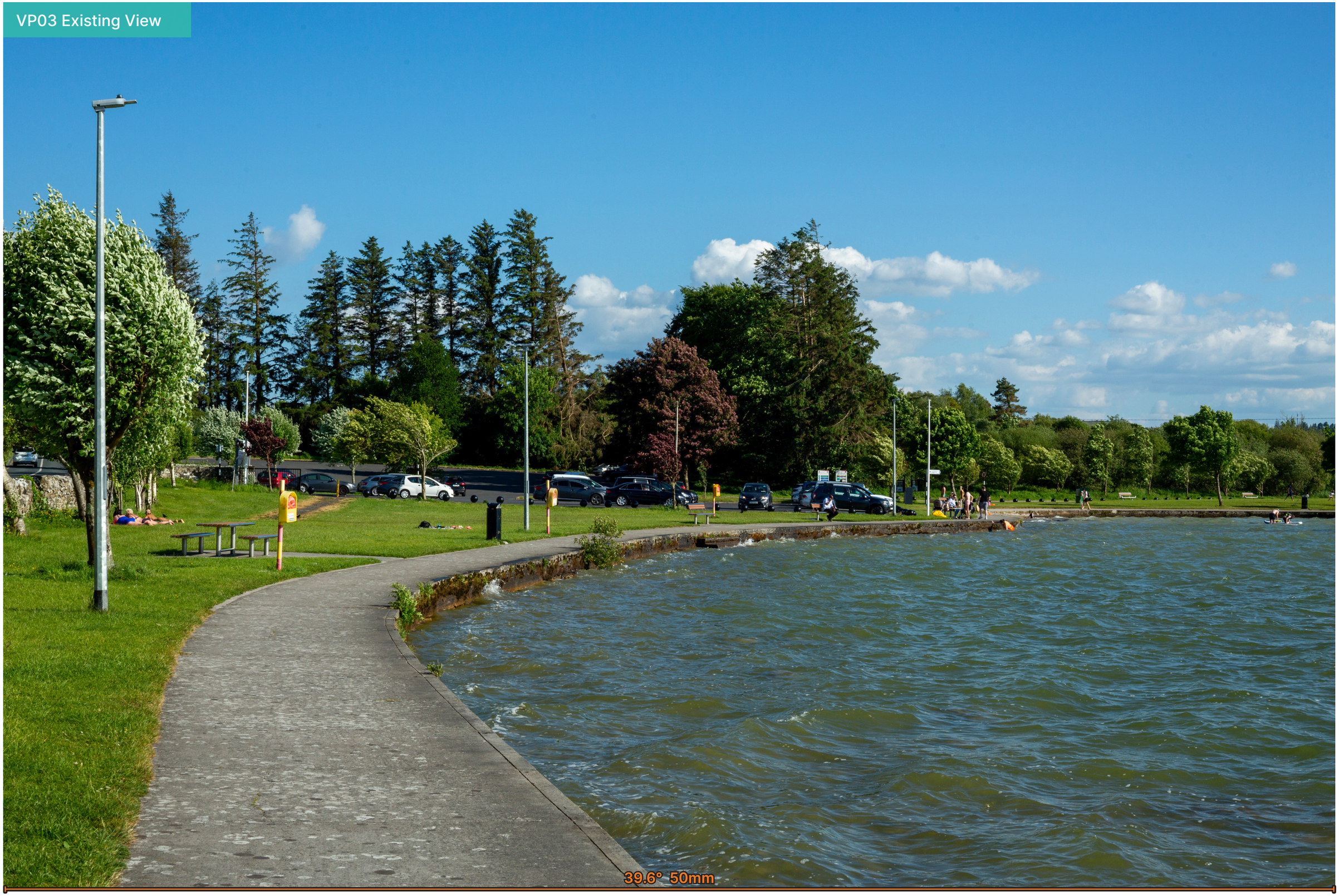
Carpark Internal SE Corner: View looking northwest over new and existing carpark from inside the Site boundary at the SE corner.

Viewpoint Location (ITM)
X: 562575 Y: 715188

Time: 17:32
Date: 21/05/2025

Camera:
Canon 5D Mark III

VP03 Existing View



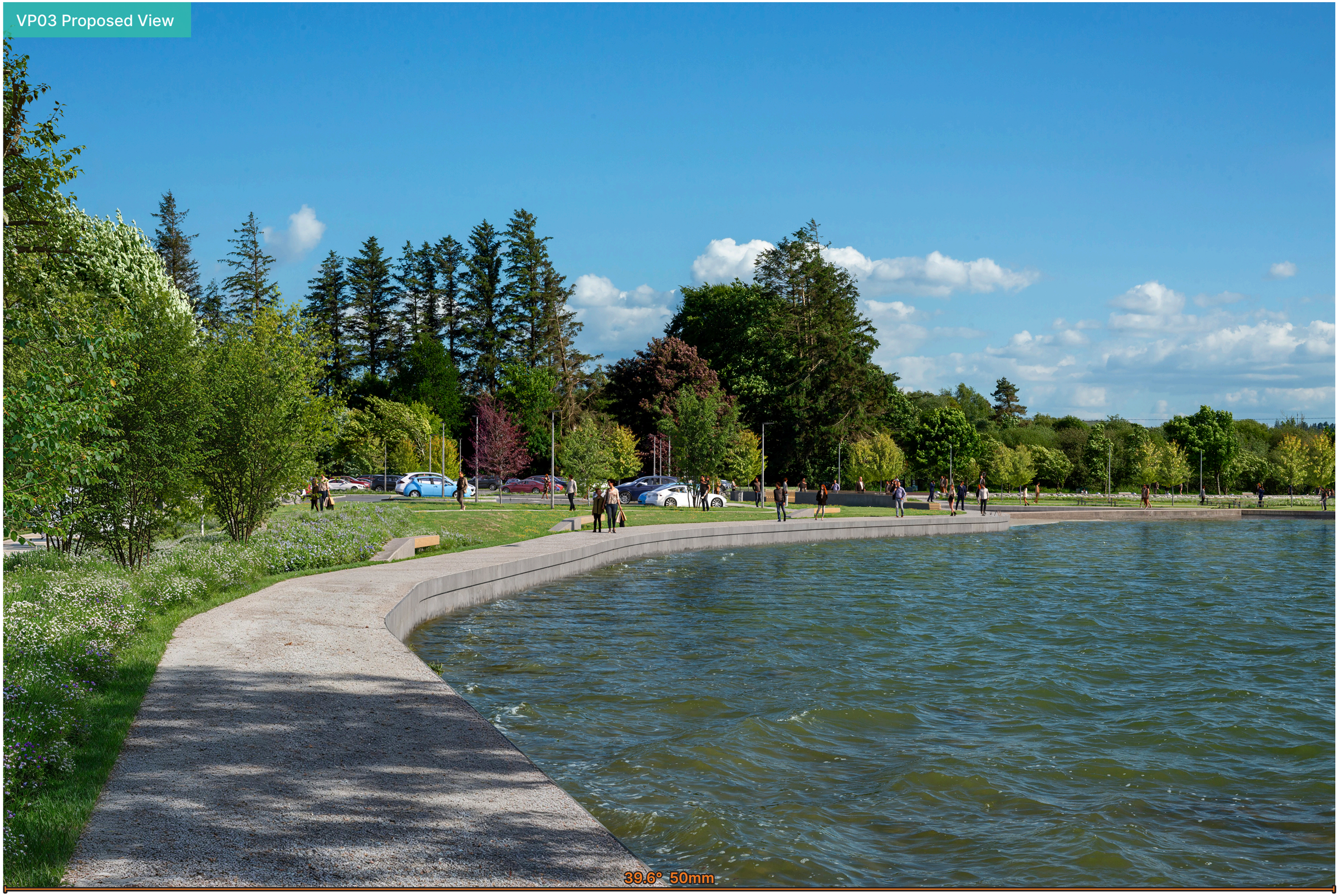
R351 Lake Rd Public Parking Overlook: View from small public carpark pullout along the waterside overlooking Long Point.

Viewpoint Location (ITM)
X: 562448 Y: 715347

Time: 17:44
Date: 21/05/2025

Camera:
Canon 5D Mark III

VP03 Proposed View



R351 Lake Rd Public Parking Overlook: View from small public carpark pullout along the waterside overlooking Long Point.

Viewpoint Location (ITM)
X: 562448 Y: 715347

Time: 17:44
Date: 21/05/2025

Camera:
Canon 5D Mark III