NPA Visuals

Nicholas Pearson Associates

Teddington TE, High Street
Teddington

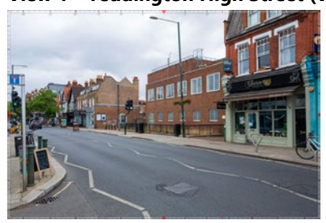
Photomontages

August 2022 | 11070-020-NPA-XX-XX-RP-Y-4600 |

List of Figures

Viewpoint Information

View 1 - Teddington High Street (West) OS: 516217, 171137



Date of Photo:	25/07/2022 12:45
Weather:	Bright
Visualisation Type:	Type 3
AVR Level:	3
Bearing of View:	117 SE
Camera:	Canon EOS 5D MK III
Frame Type:	Composite
Projection:	Planar
Lens Focal Length:	Canon 28mm
Horizontal FOV:	65°
Distance to site :	44m

View 2 - Teddington High Street (East) OS: 516274, 171144

Date of Photo:	25/07/2022 13:05
Weather:	Bright
Visualisation Type:	Type 3
AVR Level:	3
Bearing of View:	214 SW
Camera:	Canon EOS 5D MK III
Frame Type:	Composite
Projection:	Planar
Lens Focal Length:	Canon 28mm
Horizontal FOV:	65°
Distance to site :	33m

View 3 - Udney Park Road OS: 516319, 171122

Date of Photo:	25/07/2022 13:21
Weather:	Bright
Visualisation Type:	Type 3
AVR Level:	3
Bearing of View:	248 W
Camera:	Canon EOS 5D MK III
Frame Type:	Composite
Projection:	Planar
Lens Focal Length:	Canon 50mm
Horizontal FOV:	39°
Distance to site :	58m

View 4 - Field Lane OS: 516170, 171073

Date of Photo:	25/07/2022 13:52
Weather:	Sunny
Visualisation Type:	Type 3
AVR Level:	3
Bearing of View:	80 E
Camera:	Canon EOS 5D MK III
Frame Type:	Composite
Projection:	Planar
Lens Focal Length:	Canon 50mm
Horizontal FOV:	39°
Distance to site :	83m

Viewpoint Location Plan

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Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 01: Viewpoint location plan

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Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 02: View 1 - Teddington High Street (West) Existing

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Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 03: View 1 - Teddington High Street (West) Consented Scheme

10cm
0cm
(Original image size 390 x 260mm)

Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

NPA Visuals

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Visualisation Type:	Type 3
Image Enlargement:	For Context Only
Page Size:	A3

Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 04: View 1 - Teddington High Street (West) Proposed

0cm 10cm

(Original image size 390 x 260mm)

Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

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Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 05: View 2 - Teddington High Street (East) Existing

10cm
0cm
(Original image size 390 x 260mm)

Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

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Nicholas Pearson Associates

Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 06: View 2 - Teddington High Street (East) Consented Scheme

0cm 10cm

(Original image size 390 x 260mm)

Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

NPA Visuals

Nicholas Pearson Associates

Visualisation Type:	Type 3
Image Enlargement:	For Context Only
Page Size:	A3

Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 07: View 2 - Teddington High Street (East) Proposed

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Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 08: View 3 - Udney Park Road Existing

Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

0cm 10cm

(Original image size 390 x 260mm)

NPA Visuals

Nicholas Pearson Associates

Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 09: View 3 - Udney Park Road Consented Scheme

0cm 10cm

(Original image size 390 x 260mm)

Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

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Nicholas Pearson Associates

Visualisation Type:	Type 3
Image Enlargement:	100% (Monocular)
Page Size:	A3

Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 10: View 3 - Udney Park Road Proposed

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Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 11: View 4 - Field Lane Existing

0cm 10cm

(Original image size 390 x 260mm)

Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

NPA Visuals

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Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 12: View 4 - Field Lane Consented Scheme

0cm 10cm (Original image size 390 x 260mm)

Please note: To view this image digitally, calibrate this scale bar, on screen, for a correct scale representation and view the image at a comfortable arm's length

NPA Visuals
Nicholas Pearson Associates

Visualisation Type:	Type 3
Image Enlargement:	100% (Monocular)
Page Size:	A3

Project No:	11070-020	**Date:**	August 2022
Client:	Daly International	**Project:**	Teddington TE
Status:	Planning	**Figure:**	Fig. 13: View 4 - Field Lane Proposed

Montage Methodology

The methodology used by Nicholas Pearson Associates accords with the Third Edition of the good practice Guidelines for Landscape and Visual Impact Assessment 2013; produced by the Landscape Institute and Institute of Environmental Management & Assessment and LI Advice Note 01/11 (With reference to the Landscape Institute Technical Guidance Note Public Consultation Draft 2018-06-01) plus the London View Management Framework Supplementary Planning Guidance: Appendix C: Accurate Visual Representations. March 2012 where appropriate.

Viewpoint Photographs are taken with a full frame Digital SLR camera, recording the time of day, angle of view, lens, camera model and location for surveying: this helps ensure the accuracy of the photomontage and calculate the real-world lighting. All original photomontage work is carried out using the native resolution of the original image unless otherwise stated.

With reference to Visual representation of development proposals Landscape Institute Technical Guidance Note 02/17 (31 March 2017) although these images are not fully verified according to our Verified View methodology, they are still accurately prepared using all freely available data and are an appropriate representation (Ref: aforementioned LI Note). Each photomontage is produced with as much free data as available, although the more information provided to us, the more accurate they will be.

Methodology Summary for Daly International (UK) Ltd.

Site Location: Quadrant Close

Photography equipment:

- Canon 5D full frame digital SLR camera
- Canon EF 50mm f/1.8 STM lens
- Canon EF 28mm f/1.8 USM Lens
- Canon TS-E 24mm f/3.5 L II
- Manfrotto Tripod
- NN4-D16-Nodal Ninja NN4 Panorama head with RD-16 rotator base
- NN-EZ-Nodal Ninja EZ Leveller MKII

The Camera was mounted on a tripod at height of 1.6m above existing ground level, which best represents the average human eye level and positioned on an identifiable feature which can be located in the 3D model. A leveller was used to ensure that the camera was horizontal.

Photographs were taken in a RAW format using manual settings to enable the best quality results. The photographer took note of the weather conditions and direction of view. All other details relating to the photograph are stored in the image EXIF data. If necessary the original RAW file can be submitted as part of the verification process.

Baseline photograph formats:

The photographic format is dictated by reproduction size whilst considering the areas of interest. Invariably A3 is the preferred format and therefore a balance must be struck to place the proposal within meaningful context whilst providing the clarity for the viewer.

When the proposed development is at a particular distance, whilst the observer is aware of the wider area within their peripheral vision they tends to focus on the area in question. Therefore it is important to consider the limitations of printed technology; so when representing proposals that are at a distance, the verified view is presented an a baseline photograph with a smaller field of view so that it can be reproduced at a scale suitable for viewing at a reasonable distance.

There is no one suitable format of photograph which can be used in the preparation of verified views and therefore the following formats were deemed appropriate for this project. The original Canon RAW files are processed in Adobe Photoshop to adjust white balance, colour accuracy and sharpness. The images undergo further correction procedures to ensure the horizon is precisely horizontal and any barrel distortion is compensated for.

Mapping & Survey data:

- OS Vector Mastermap data
- Digital Terrain Mapping (Commercial 3D height data)
- Aerial Photography
- GPS readings
- Digital Surface Model

Applications:

- 3D Studio MAX
- Adobe Photoshop
- Adobe InDesign

Proposals supplied:

- Site Plans
- Elevations

Camera Matching & Verification:

Irrespective of whether the final photomontage is output as a single or composite panoramic image, each photmontage is based upon a single rendered frame.

DSM, DTM and OS data along with a basic context model are used to tie the photograph to the CAD Camera view. The background plate photograph is imported into 3D Studio Max to tie the data together.

Texturing, Rendering & post production:

3D Studio Max was used for applying the photorealistic surfaces and materials to the 3D model.

The exact resolution of the photograph is noted and used as the size for the final rendered output of the 3D Model view so that the two overlay each other precisely. Adobe Photoshop CC is used to blend the modelled information with the existing base line / base plate photograph.

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