

Castlelake Strategic Housing Development Verified Photomontages - Environmental Impact Assessment Report Volume 4



NOTES AND METHODOLOGY

PROJECT DETAILS

Title: **Castlelake Strategic Housing Development**

Design team:

Wilson Architecture
Cunan Stratton Reynolds Landscape Architects

Prepared by Digital Dimensions

Issue Date	03/06/22	09/06/22	13/06/22			
Revision	A	B	C			
Status	Draft	Draft	FOR PRINT			

PROFILE

Digital Dimensions are specialists in computer generated visualisations for all forms of planning applications. The company was established in 2000 by John Healy and Jim Manning in Dublin, Ireland. Digital Dimensions is one of Ireland's leading architectural visualisation companies with 20+ years of experience covering a wide range of solutions in the areas of architectural visualisation, environmental design and digital media.

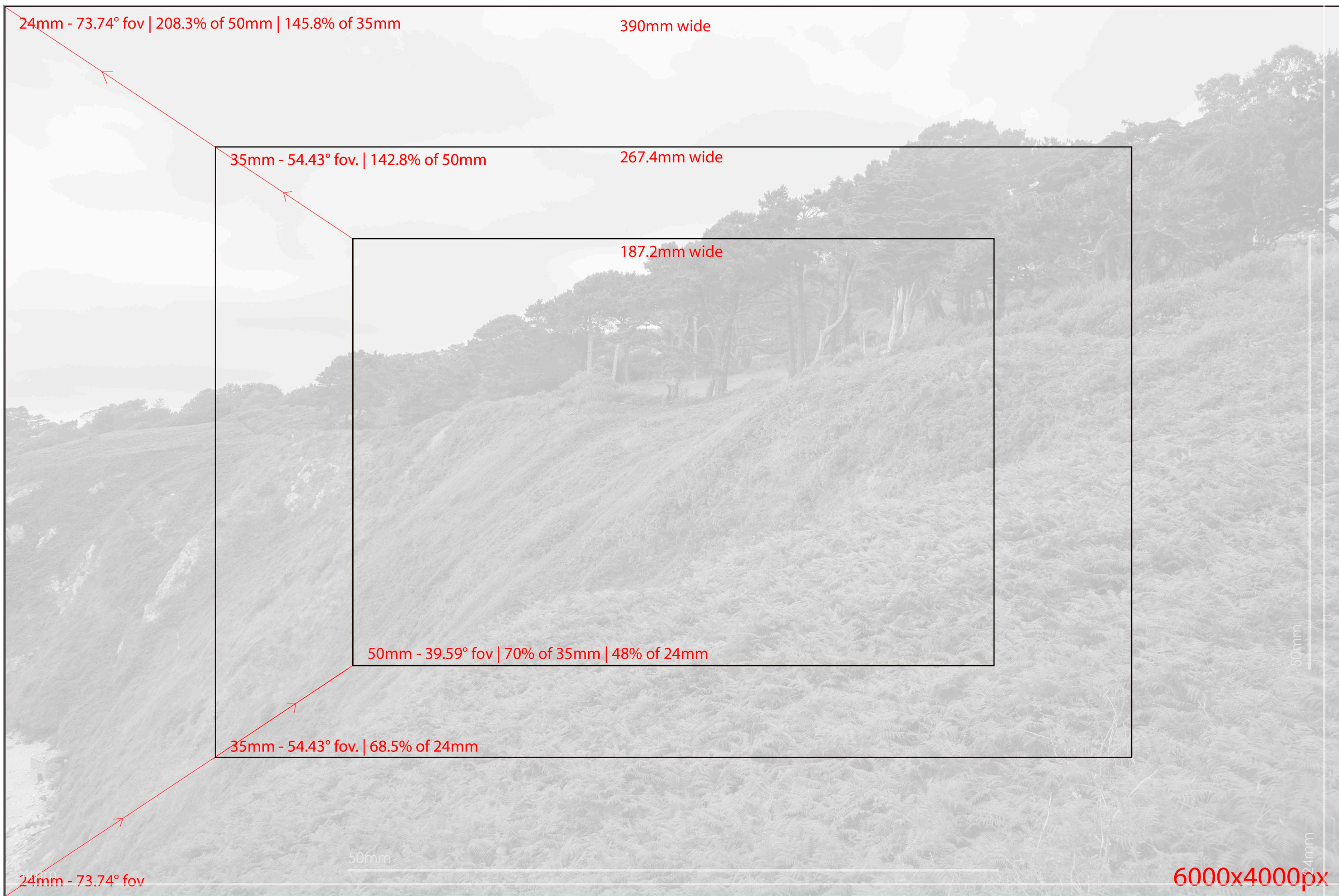
Method Statement - Photo-montage production using guidance in The Landscape Institute TGN-06-19 Visual Representation of Development Proposals.

1. Photographs are taken from locations as advised by the planning consultant with a full frame SLR digital camera and prime lens. Photographs are taken using the most appropriate combination of lens focal lengths to ensure that the field of view covers the proposed scheme environment or landscape context. The photographs are taken horizontally with a survey level attached to the camera. The photographic positions are marked (for later surveying), the height of the camera and the focal length of the image recorded.
2. In each photograph, a minimum of 3no. visible fixed points are marked for surveying. These are control points for model alignment within the photograph. All surveying is carried out by a qualified topographical surveyor using Total Station / GPS devices.
3. The photographic positions and the control points are geographically surveyed and this survey is tied in to the site topographical survey supplied by the Architect / client.
4. The buildings are accurately modelled in 3D cad software from cad drawings or BIM model supplied by the Architect. Material finishes are applied to the 3D model and scene element are place like trees and planting to represent the proposed landscaping.
5. Virtual 3D cameras are positioned according to the survey co-ordinates and the focal length is set to match the photograph. Pitch and rotation are adjusted using the survey control points to align the virtual camera to the photograph. Lighting is set to match the time of day the photograph is taken.
6. The proposed development is output from the 3D software using this camera and the image is then blended with the original photograph to give an accurate image of what the proposed development will look like in its proposed setting.
7. In the event of the development not being visible, the roof line of the development will be outlined in red if re-quested.
8. The document contains:
 - a. Site location map with view locations plotted.
 - b. Photomontage sheet with existing or proposed conditions.
 - c. Reference information including field of view/focal length, range to site / development, date of photograph.
9. For the views, we provide two images:
 - a. The existing view (on 01 March 2022);
 - b. The proposed photomontage (or scheme outline as appropriate)



View Location Map

This map is for view location purposes only. Please refer to Architects drawings for site layout and redline boundary.



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
						Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 1 Existing	From Barry Bridge looking South	01/03/22	73.7°	24mm	165.5m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 1 Proposed	From Barry Bridge looking South	01/03/22	73.7°	24mm	165.5m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 2 Existing	From Station Road opposite The Dispensary looking South	01/03/22	73.7°	24mm	19.8m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 2 Proposed	From Station Road opposite The Dispensary looking South	01/03/22	73.7°	24mm	19.8m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 3 Existing	From Station Road opposite new link Road looking North West	01/03/22	73.7°	24mm	32m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 3 Proposed	From Station Road opposite new link Road looking North West	01/03/22	73.7°	24mm	32m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 4 Existing	From Station Road at graveyard entrance looking North West	01/03/22	73.7°	24mm	104.3m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 4 Proposed	From Station Road at graveyard entrance looking North West	01/03/22	73.7°	24mm	104.3m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 5 Existing	From Station Road at Church entrance looking North West	01/03/22	73.7°	24mm	183.1m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 5 Proposed	From Station Road at Church entrance looking North West	01/03/22	73.7°	24mm	183.1m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 6 Existing	From Patrick Pearse Place looking North	01/03/22	73.7°	24mm	115.4m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 6 Proposed	From Patrick Pearse Place looking North	01/03/22	73.7°	24mm	115.4m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 7 Existing	From Castle Close looking West	01/03/22	73.7°	24mm	221.1m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 7 Proposed	From Castle Close looking West	01/03/22	73.7°	24mm	221.1m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 8 Existing	From Ban Na Greine looking North	01/03/22	73.7°	24mm	188m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 8 Proposed	From Ban Na Greine looking North	01/03/22	73.7°	24mm	188m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 9 Existing	From Maryville looking North	01/03/22	73.7°	24mm	216.1m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 9 Proposed	From Maryville looking North	01/03/22	73.7°	24mm	216.1m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 10 Existing	From junction of Cork Rd & Castlelake Ave looking North	01/03/22	73.7°	24mm	131.9m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 10 Proposed	From junction of Cork Rd & Castlelake Ave looking North	01/03/22	73.7°	24mm	131.9m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 11 Existing	From junction of Pine Court & Oakbrook looking South	01/03/22	73.7°	24mm	11.8m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 11 Proposed	From junction of Pine Court & Oakbrook looking South	01/03/22	73.7°	24mm	11.8m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 12 Existing	From Bramble Lane looking East	01/03/22	73.7°	24mm	22.2m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 12 Proposed	From Bramble Lane looking East	01/03/22	73.7°	24mm	22.2m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 13 Existing	From crossroads at Terry's-Land looking South East	01/03/22	73.7°	24mm	337.7m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 13 Proposed	From crossroads at Terry's-Land looking South East	01/03/22	73.7°	24mm	337.7m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 14 Existing	From rural road North of site looking South	01/03/22	73.7°	24mm	393.8m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 14 Proposed	From rural road North of site looking South	01/03/22	73.7°	24mm	393.8m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 15 Existing	From rural road North of site looking South West	01/03/22	73.7°	24mm	628.2m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 15 Proposed	From rural road North of site looking South West	01/03/22	73.7°	24mm	628.2m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 16 Existing	From pedestrian stairs at Train Station looking South West	01/03/22	73.7°	24mm	178m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 16 Proposed	From pedestrian stairs at Train Station looking South West	01/03/22	73.7°	24mm	178m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° > |

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 17 Existing	From elevated rural road North of site looking South East	01/03/22	73.7°	24mm	1780m	Canon EOS 5DS



< 24mm / 73.7° | < 35mm / 54.4° | < 50mm / 39.6° | Lens Information: Focal Length / Field of View | 50mm / 39.6° > | 35mm / 54.4° > | 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 17 Proposed	From elevated rural road North of site looking South East	01/03/22	73.7°	24mm	1780m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 18 Existing	From elevated rural road North West of site looking South East	01/03/22	73.7°	24mm	1881m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 18 Proposed	From elevated rural road North West of site looking South East	01/03/22	73.7°	24mm	1881m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 19 Existing	From rural road (Barrys Court) South of site looking North	01/03/22	73.7°	24mm	1408.4m	Canon EOS 5DS



< 24mm / 73.7° < 35mm / 54.4° < 50mm / 39.6° Lens Information: Focal Length / Field of View 50mm / 39.6° > 35mm / 54.4° > 24mm / 73.7° >

Location	Description	Photography Date	Field of view	35mm equivalent	Distance to site boundary	Camera model
View 19 Proposed	From rural road (Barrys Court) South of site looking North	01/03/22	73.7°	24mm	1408.4m	Canon EOS 5DS