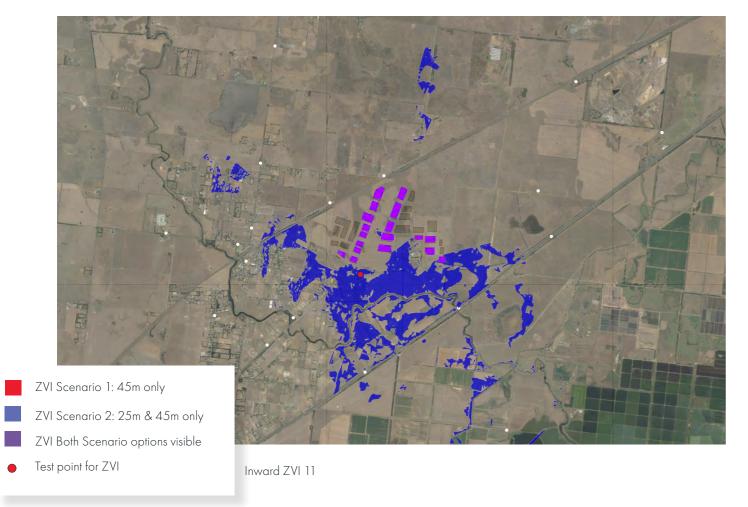
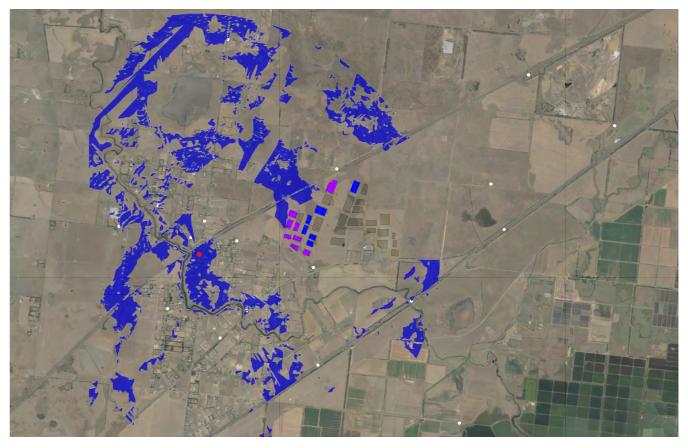


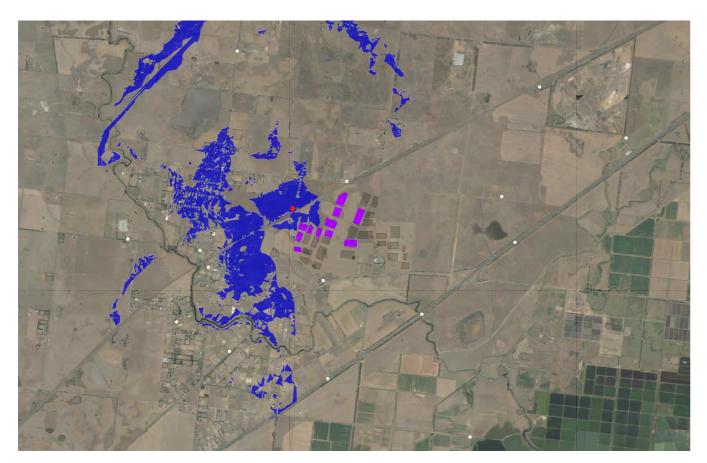
Inward ZVI 10

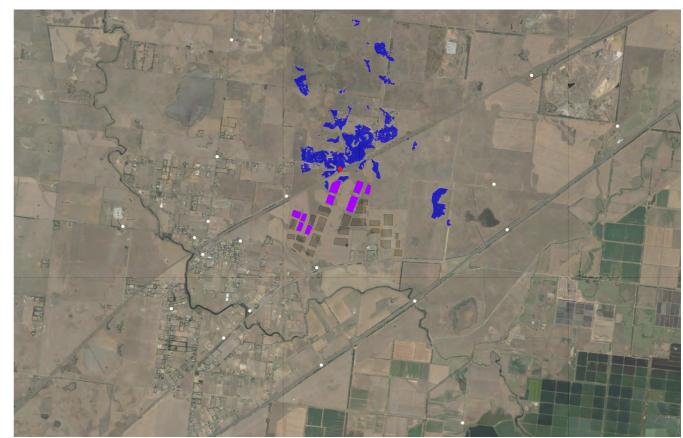




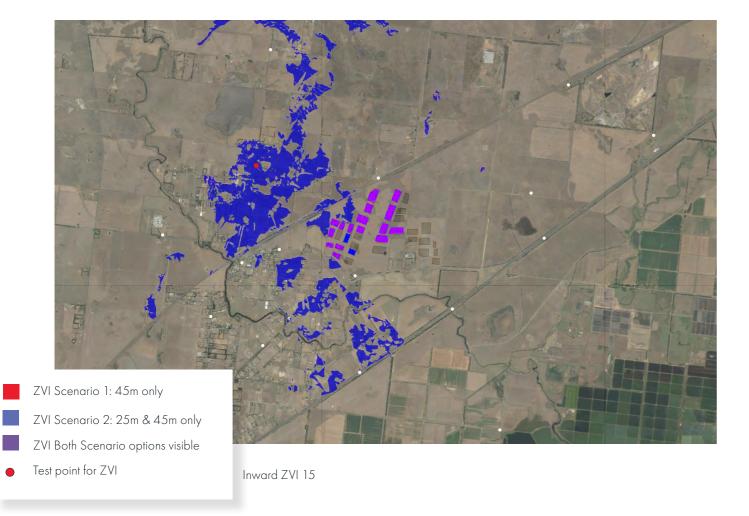
Drawing Title Project Name Drawing No. Checked Project Principal

Inward ZVI 12





Inward ZVI 13



Drawing Title Project Name Drawing No. Revision Date Drawn Checked Project Principal

Appendix 3 - Existing Conditions Viewpoints

Little River Logistics Precinct

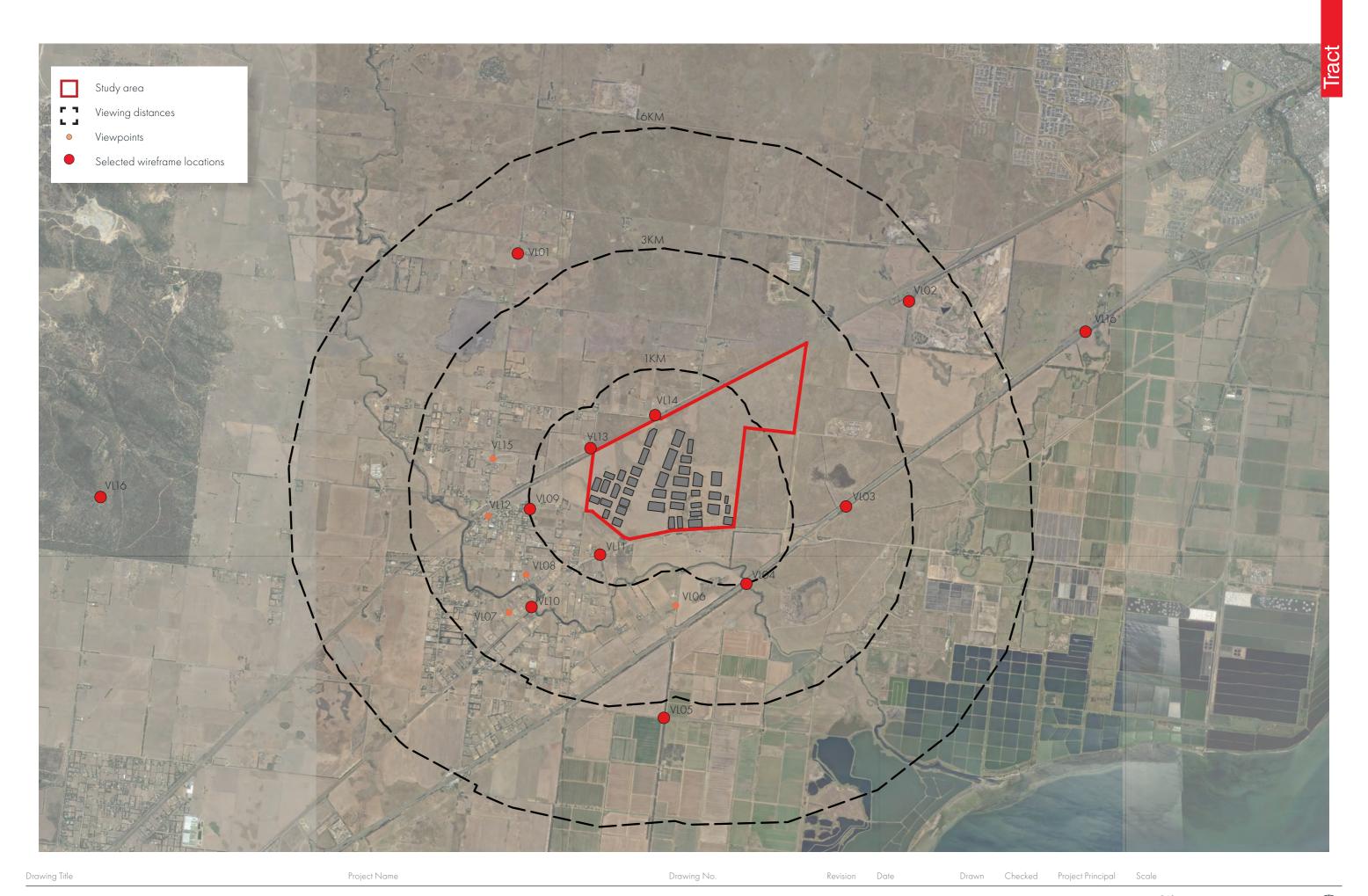
Landscape and Visual Impact Technical Assessment - Final Issue 17.07.2023

Prepared for Pacific National

Prepared By: JC

Reviewed By: MR

Project Principal: MR



Viewpoint Locations

Little River Intermodel Freight Terminal

321-0501-01-L-00-DR08

03

06.06.2023

EB JC MR

Page Display @ A3



Distance from proposed buildings: 3500m 149° Bearing:

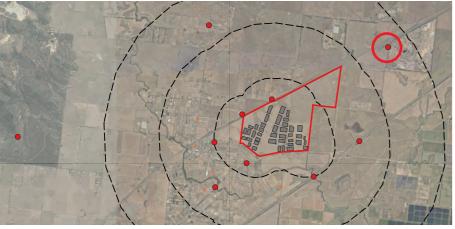
Viewpoint location: E: 280865 N: 5799642

Date and time of photograph: 11th September 2022 (10:43am AEST) Camera setup:

Canon 5D Mark, 50mm Lens

Drawing Title Project Name Drawing No. Photographed Project Principal





Distance from proposed buildings: 4200m Bearing: 227°

Viewpoint location: E: 287340 N: 5798851

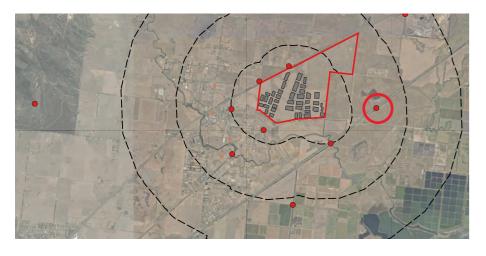
Date and time of photograph: 11th September 2022 (11:12am AEST)

Camera setup: Canon 5D Mark, 50mm Lens

Drawing Title Project Name Drawing No. Revision Date Photographed Project Principal Scale

Viewpoint 2 - Wests Road (Rural Residential)Little River321-0501-01-L-00-DR3020306.06.2023JCMR





Distance from proposed buildings: 1875m Bearing: 267°

Viewpoint location: E: 286298 N: 5795456

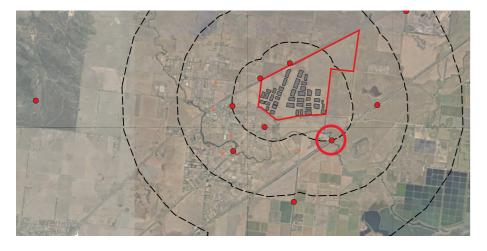
Date and time of photograph: 11th September 2022 (11:35am AEST)

Camera setup: Canon 5D Mark, 50mm Lens

Drawing Title Project Name Drawing No. Revision Date Photographed Project Principal Scale

 Viewpoint 3 - Princes Highway (Road Users)
 Little River
 321-0501-01-L-00-DR303
 03
 06.06.2023
 JC





Distance from proposed buildings: 1010m Bearing: 327°

Viewpoint location: E: 284650 N: 5794176

Date and time of photograph: 11th September 2022 (11:46am AEST)

Camera setup: Canon 5D Mark, 50mm Lens

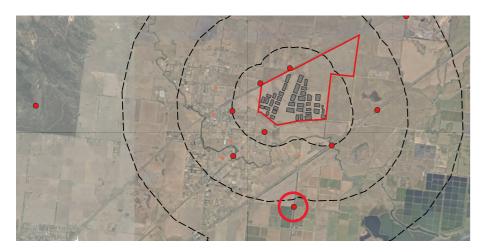
Drawing Title Project Name Drawing No. Revision Date Photographed Project Principal Scale

Viewpoint 4 Princes Highway (Road Users)Little River321-0501-01-L-00-DR3040306.06.2023JCMR

Page Display @ A3

MR





Distance from proposed buildings: 3420m Bearing:

Viewpoint location: E: 283282 N: 5791957

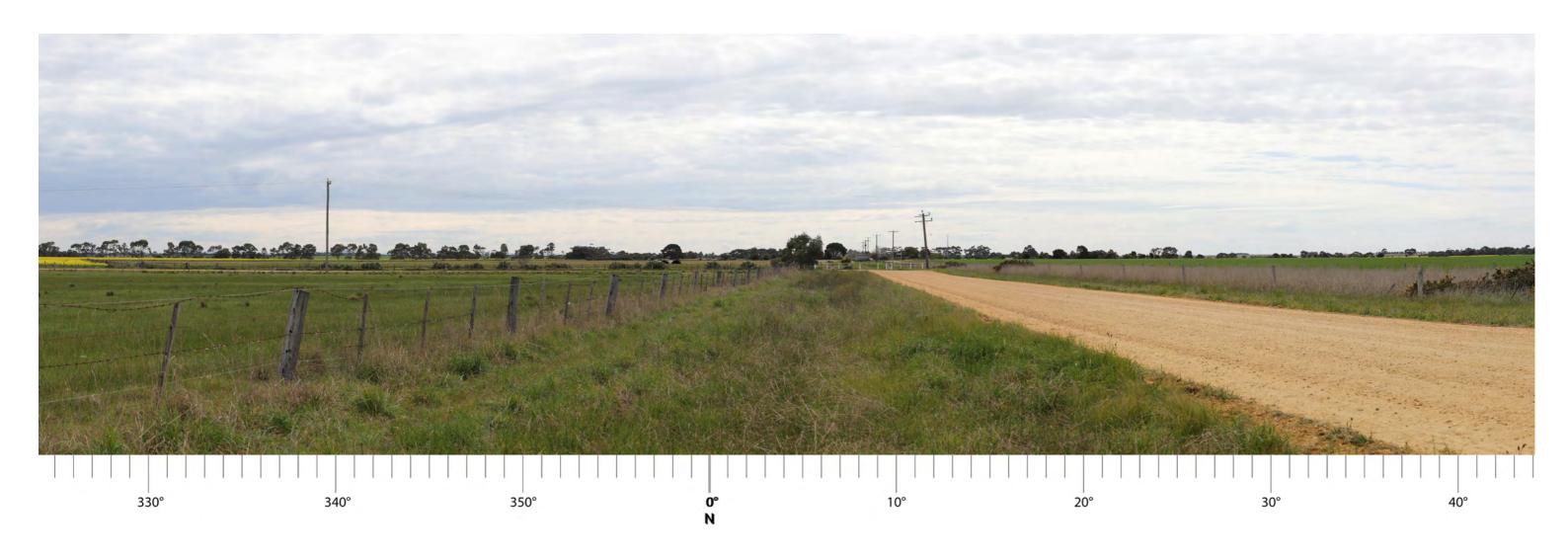
Date and time of photograph: 11th September 2022 (11:59am AEST) Camera setup:

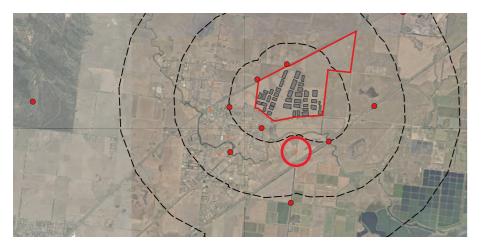
Canon 5D Mark, 50mm Lens

Drawing Title Project Name Drawing No. Project Principal Photographed

Page Display @ A3

MR





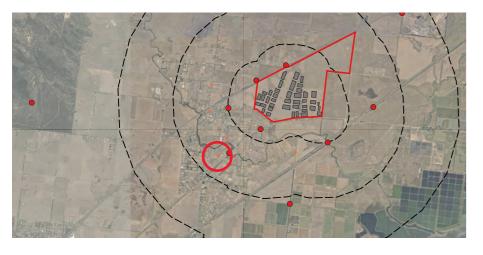
Distance from proposed buildings: 1570m Bearing: 4°

Viewpoint location: E: 283479 N: 5793817

Date and time of photograph: 11th September 2022 (12:20am AEST)

Camera setup: Canon 5D Mark, 50mm Lens





Distance from proposed buildings: 2220m Bearing: 61°

Viewpoint location: E: 280718 N: 5793702

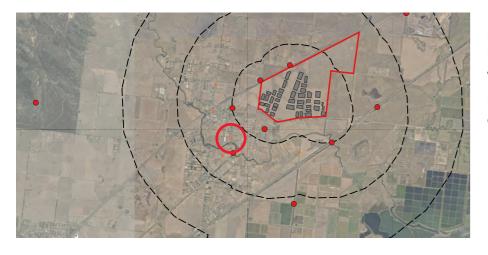
Date and time of photograph: 11th September 2022 (12:48pm AEST) Camera setup:

Canon 5D Mark, 50mm Lens

Drawing Title Project Name Drawing No. Project Principal

Viewpoint 7 - Robs Lane (Residential) Little River 321-0501-01-L-00-DR307 06.06.2023 MR





Distance from proposed buildings: 1600m Bearing: 58°

Viewpoint location: E: 281000 N: 5793817

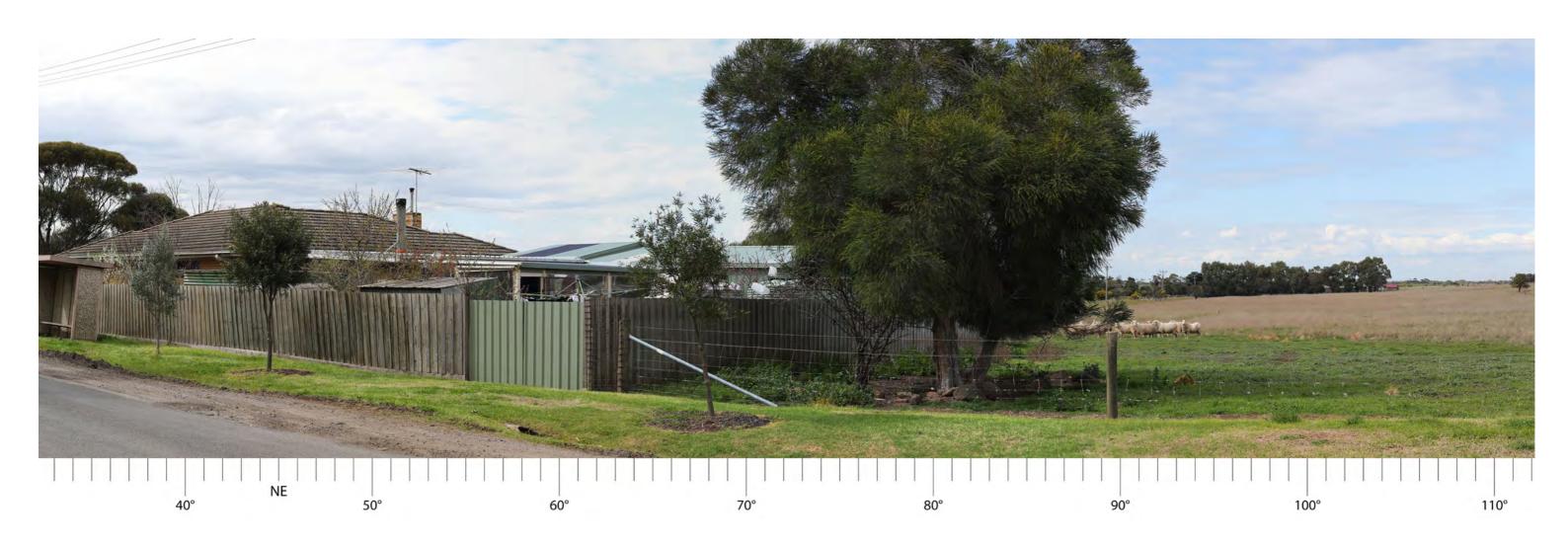
Date and time of photograph: 11th September 2022 (1:01pm AEST)

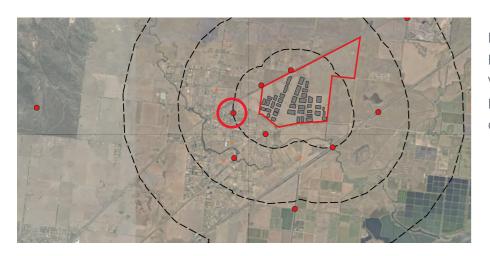
Camera setup: Canon 5D Mark, 50mm Lens

Drawing Title Project Name Drawing No. Revision Date Photographed Project Principal Scale

Viewpoint 8 - Rothwell Road (Residential)Little River321-0501-01-L-00-DR3080306.06.2023JCMR

Page Display @ A3





Distance from proposed buildings: 980m Bearing: 71°

Viewpoint location: E: 281065 N: 5795413

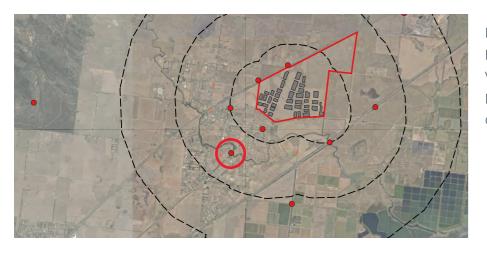
Date and time of photograph: 11th September 2022 (1:35pm AEST)

Camera setup: Canon 5D Mark, 50mm Lens

Page Display @ A3

MR





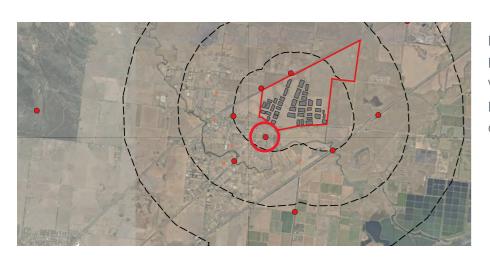
Distance from proposed buildings: 1900m Bearing: 56°

Viewpoint location: E: 281091 N: 5793792

Date and time of photograph: 11th September 2022 (1:43pm AEST)

Camera setup: Canon 5D Mark, 50mm Lens





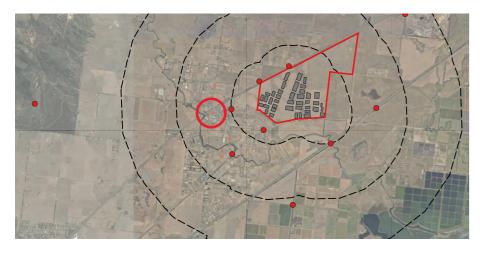
Distance from proposed buildings: 570r Bearing: 49°

Viewpoint location: E: 282227 N: 5794658

Date and time of photograph: 11th September 2022 (1:57pm AEST)

Camera setup: Canon 5D Mark, 50mm Lens





Distance from proposed buildings: 1700m Bearing: 53°

Viewpoint location: E: 280373 N: 5795296

Date and time of photograph: 11th September 2022 (2:18pm AEST)

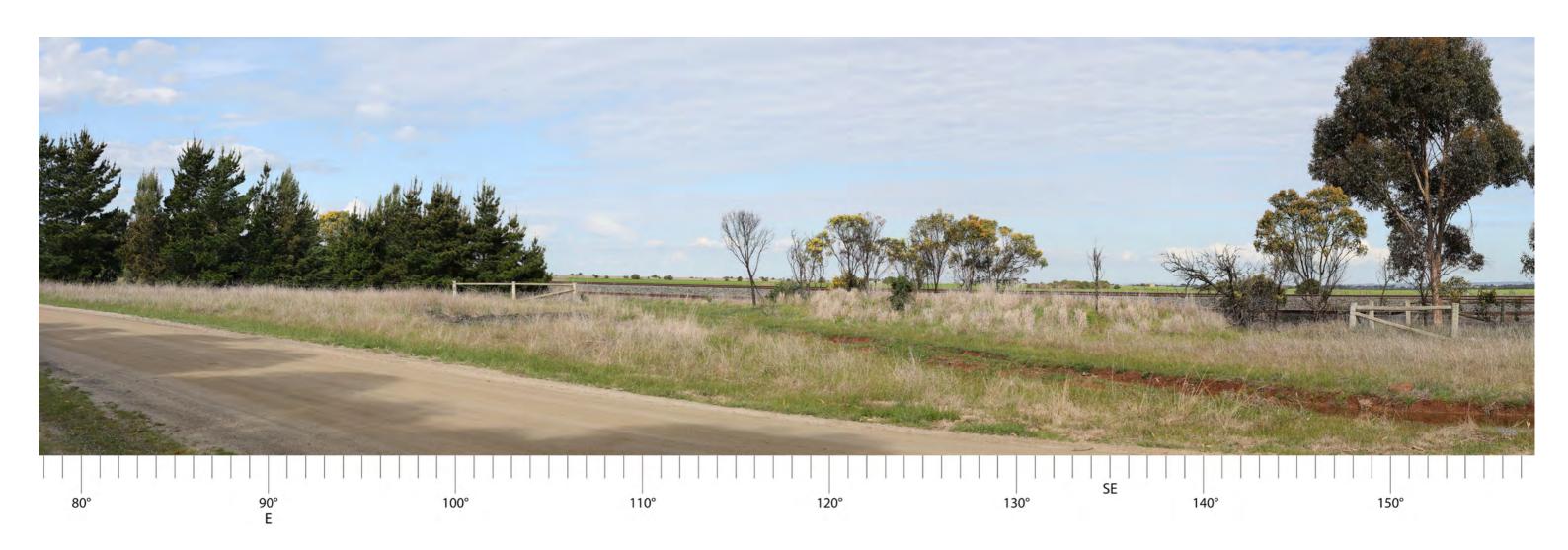
Camera setup: Canon 5D Mark, 50mm Lens

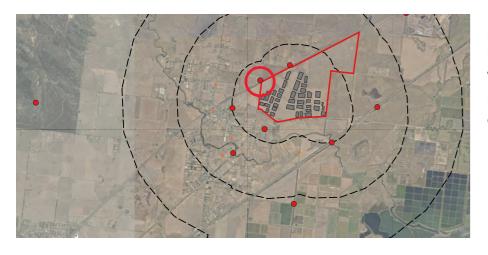
Drawing Title Project Name Drawing No. Revision Date Photographed Project Principal Scale

 Viewpoint 12 - River Street (Town Centre)
 Little River
 321-0501-01-L-00-DR312
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 06.06.2023
 JC
 MR

Page Display @ A3

MR





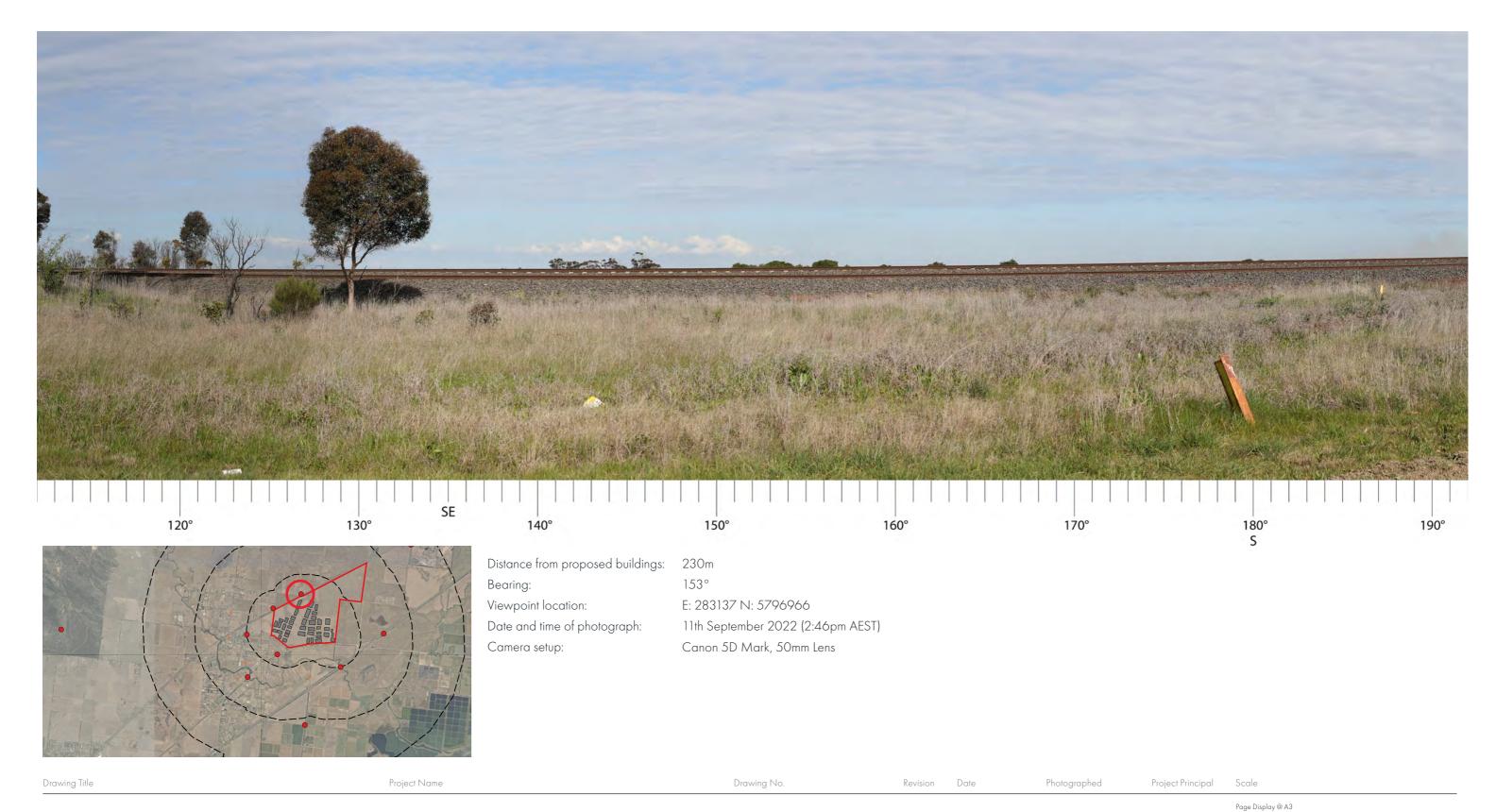
Distance from proposed buildings: 320m Bearing: 117°

Viewpoint location: E: 283137 N: 5796966

Date and time of photograph: 11th September 2022 (2:35pm AEST)

Camera setup: Canon 5D Mark, 50mm Lens

Drawing Title Project Name Project Principal Scale



Viewpoint 14 - Narraburra Road (Rural Residential)

Little River

321-0501-01-L-00-DR314

03

06.06.2023

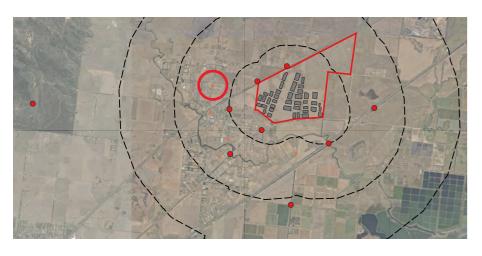
JC

MR

Page Display @ A3

MR





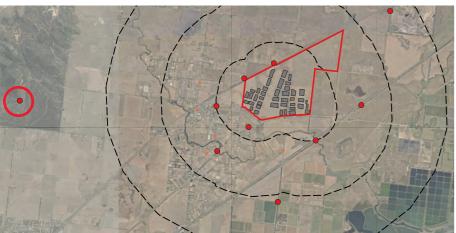
Distance from proposed buildings: 1700m Bearing: 93°

Viewpoint location: E: 280455N: 5796249

Date and time of photograph: 11th September 2022 (3:00pm AEST)

Camera setup: Canon 5D Mark, 50mm Lens





Distance from proposed buildings:

Bearing:

Viewpoint location: E: 273958 N: 5795612

Date and time of photograph:

11th September 2022 (3:29pm AEST) Camera setup:

8090m 90°

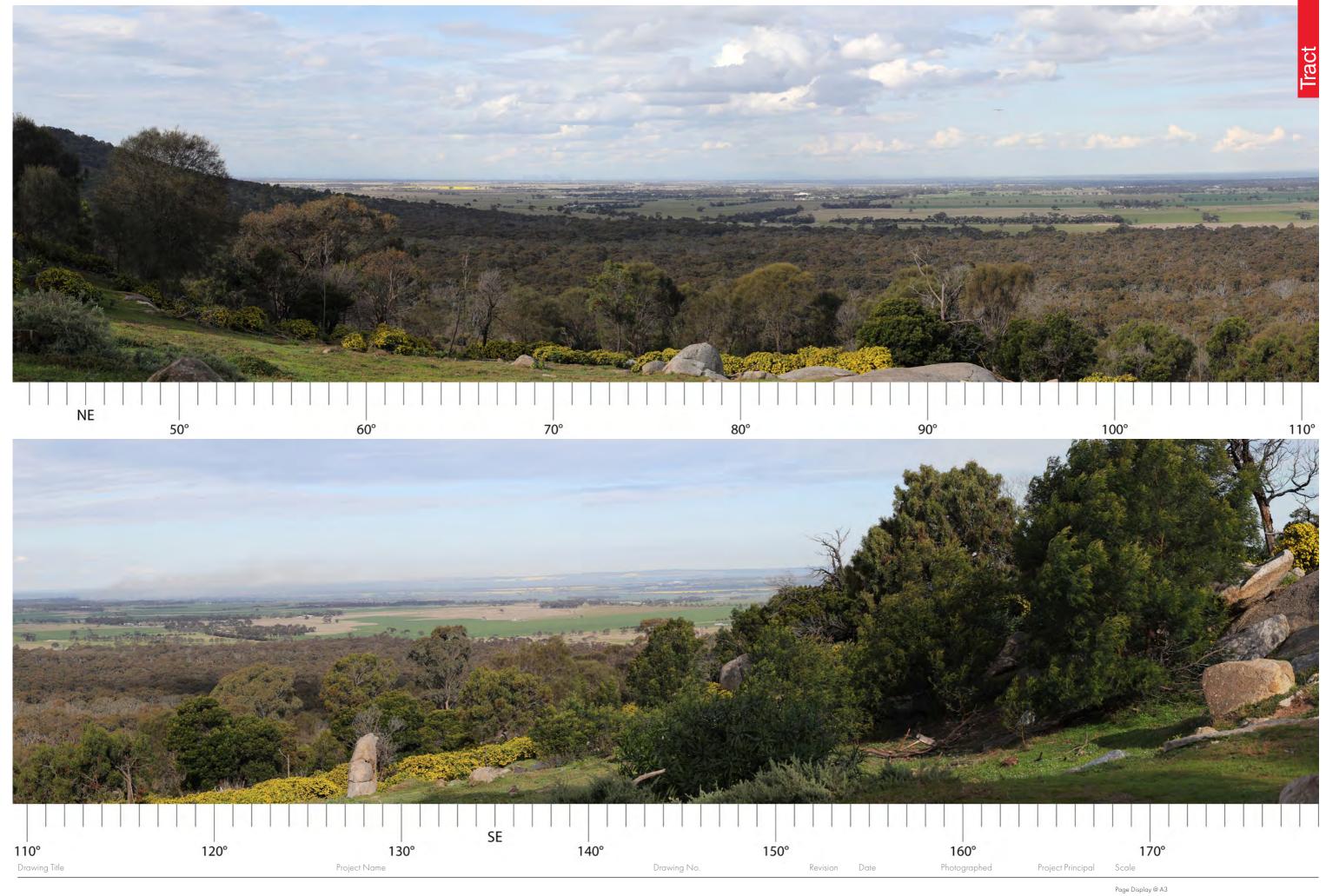
Canon 5D Mark, 50mm Lens

It has been noted that views from the You Yangs are not limited to a singular view direction. Therefore, a wider line of sight beyond the project site area has been shown in the below page, representing the wider context of the viewpoint.

MR

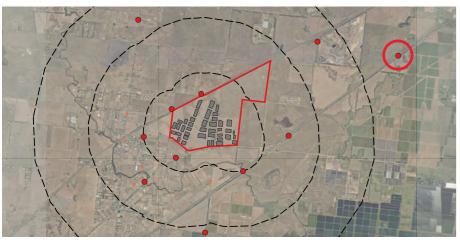
Page Display @ A3

Project Name Drawing Title Drawing No. Photographed Project Principal Scale



03





Distance from proposed buildings: 6600m Bearing: 245°

Viewpoint location: E: 290262 N: 5798345

Date and time of photograph: 8th November 2022 (11:25am AEST)

Camera setup: Canon 5D Mark, 50mm Lens

Drawing Title Project Name Project Principal Scale

 Viewpoint 17 - Princes Highway (Road Users)
 Little River
 321-0501-01-L-00-DR318
 03
 06.06.2023
 JC

Appendix 4 - Wireframe Visualisations

Little River Logistics Precinct

Landscape and Visual Impact Technical Assessment - Final Issue 17.07.2023

Prepared for Pacific National

Prepared By: JC

Reviewed By: MR

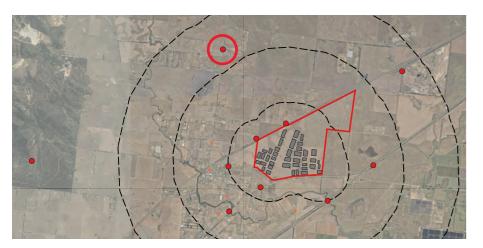
Project Principal: MR

The Wireframe visualisations have been prepared based on the Schematic Design of 132A Old Melbourne Road Little River Intermodal Freight Terminal (issue A drawn 25th January 2023).

The wireframe visualisations are not photo realistic representations of new structures. However, they do provide an accurate representation of the scale, shape and location of the proposed new structures at operation within the site photographs.

Refer to the Landscape and Visual Impact Assessment Report for further description on visusalisation methodology and assessment.





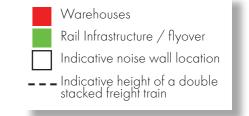
Wireframe 1

Distance from proposed buildings: 3500m Bearing: 149°

Viewpoint location: E: 280865 N: 5799642

Date and time of photograph: 11th September 2022 (10:43am AEST)

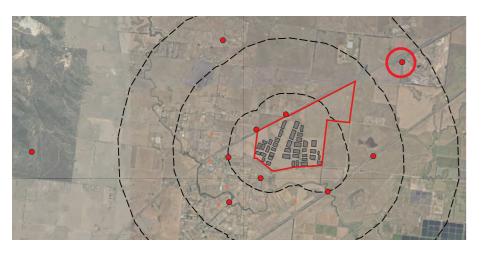
Camera setup: Canon 5D Mark, 50mm Lens



Drawing Title	Project Name	Drawing No.	Revision Date	Photographed	Project Principal Scale

Page Display @ A3





Distance from proposed buildings: 4200m Bearing: 227°

Viewpoint location: E: 287340 N: 5798851

Date and time of photograph: 11th September 2022 (11:12am AEST)

Camera setup: Canon 5D Mark, 50mm Lens

Warehouses

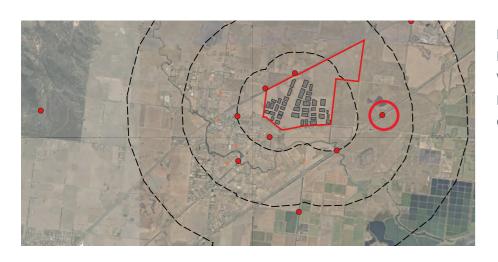
Note:

Rail Infrastructure and indicative noise wall locations would not be visible from this viewpoint.

The proposed OMR/ E6 would directly impact this viewpoint.

Drawing	itle Pro	ject Name Drawing	y No. Revision	Date Pl	hotographed Pr	roject Principal	Scale





Distance from proposed buildings: 1875m
Bearing: 267°

Viewpoint location: E: 286298 N: 5795456

Date and time of photograph: 11th September 2022 (11:35am AEST)

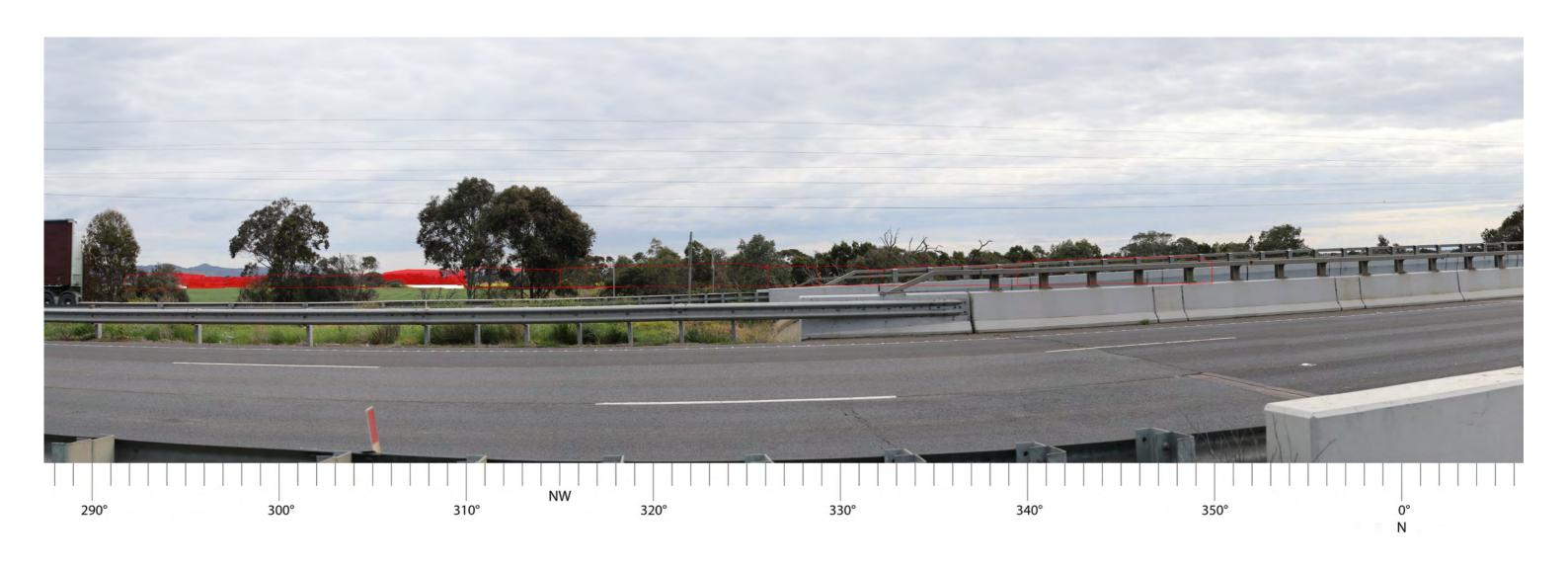
Camera setup: Canon 5D Mark, 50mm Lens

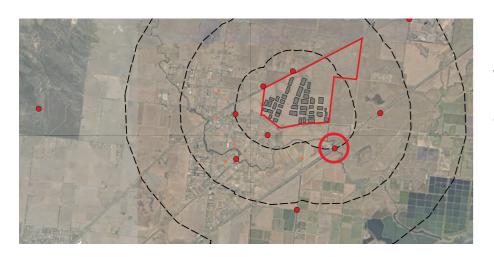
Warehouses

Page Display @ A3

Note: Warehouses, Rail Infrastructure and indicative noise wall locations would not be visible from this viewpoint

Drawing Title	Project Name	Drawing No.	Revision Date	Photographed	Project Principal Sca	ale





Distance from proposed buildings: 1010m Bearing: 327°

Viewpoint location: E: 284650 N: 5794176

Date and time of photograph: 11th September 2022 (11:46am AEST)

Camera setup: Canon 5D Mark, 50mm Lens

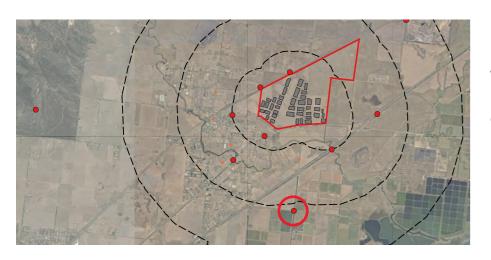


Drawing Title Project Name Drawing No. Revision Date Photographed Project Principal Scale

JC

Page Display @ A3





Distance from proposed buildings: 3420m Bearing: 7°

Viewpoint location: E: 283282 N: 5791957

Date and time of photograph: 11th September 2022 (11:59am AEST)

Camera setup: Canon 5D Mark, 50mm Lens

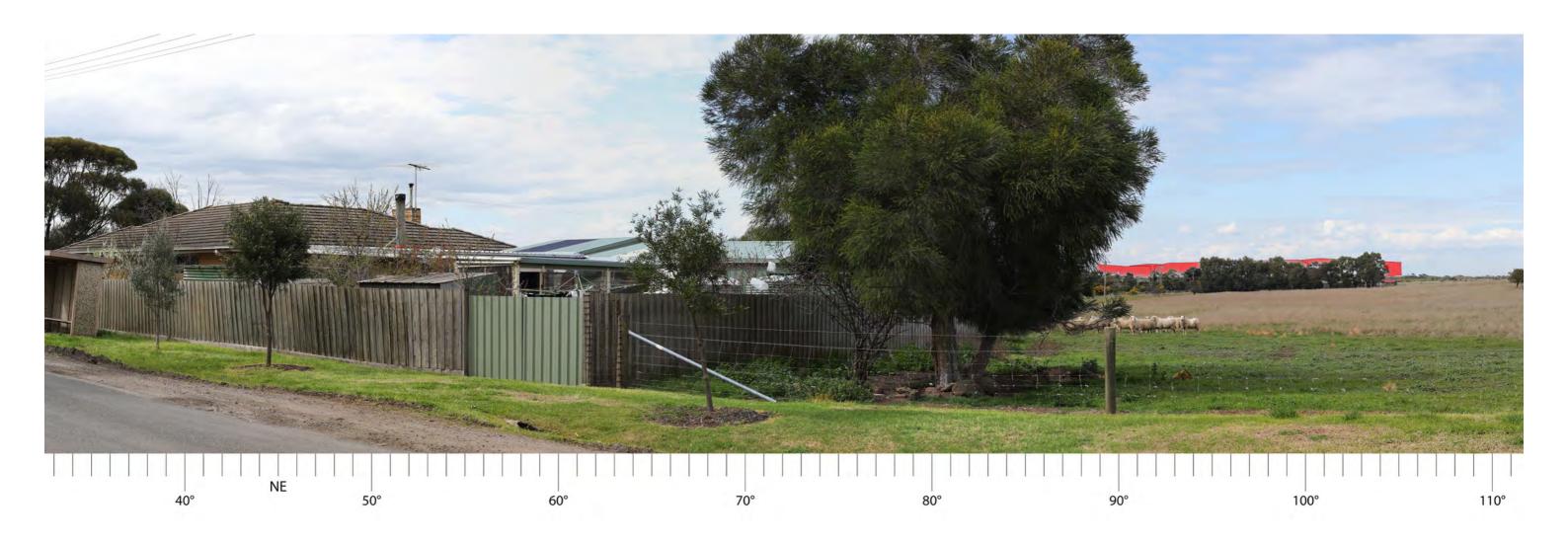
Warehouses

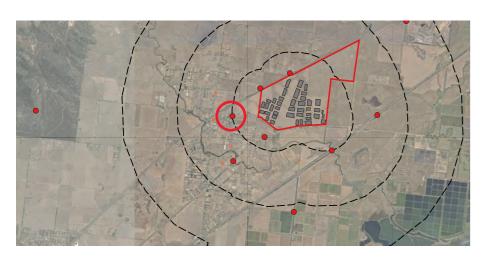
Note: Rail Infrastructure and indicative noise wall locations would not be visible from this viewpoint

Page Display @ A3

Drawing Title Project Name Drawing No. Revision Date Photographed Project Principal Scale

JC





Distance from proposed buildings: 980m
Bearing: 71°

Viewpoint location: E: 281065 N: 5795413

Date and time of photograph: 11th September 2022 (1:35pm AEST)

Camera setup: Canon 5D Mark, 50mm Lens

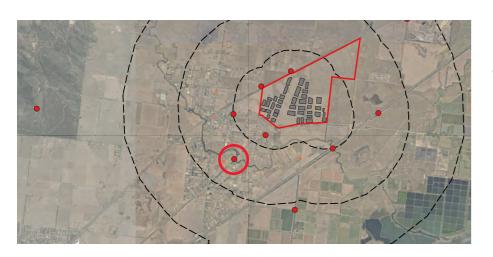
Warehouses

Page Display @ A3

Note: Rail Infrastructure and indicative noise wall locations would not be visible from this viewpoint

D : Tol	Project Name	D : N	D :: D :	DI i I I	D · . D · · . L C L
Drawing Title	Project Name	Drawina INO.	Kevision Date	rnotoaraphea	Project Principal Scale





Distance from proposed buildings: 1900m 56° Bearing:

E: 281091 N: 5793792 Viewpoint location:

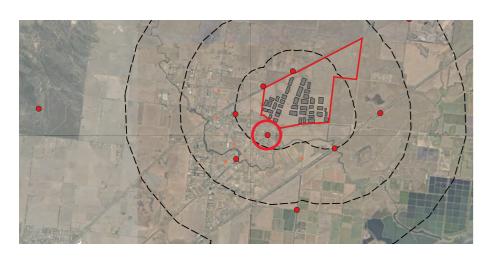
Date and time of photograph: 11th September 2022 (1:43pm AEST) Canon 5D Mark, 50mm Lens Camera setup:

Warehouses Note: Rail Infrastructure and indicative noise wall locations would not be visible from this viewpoint

Page Display @ A3

Drawing Title	Project Name	Drawing No.	Revision Date	Photographed	Project Principal S	Scale





Distance from proposed buildings: 570r Bearing: 49°

Viewpoint location: E: 282227 N: 5794658

Date and time of photograph: 11th September 2022 (1:57pm AEST)

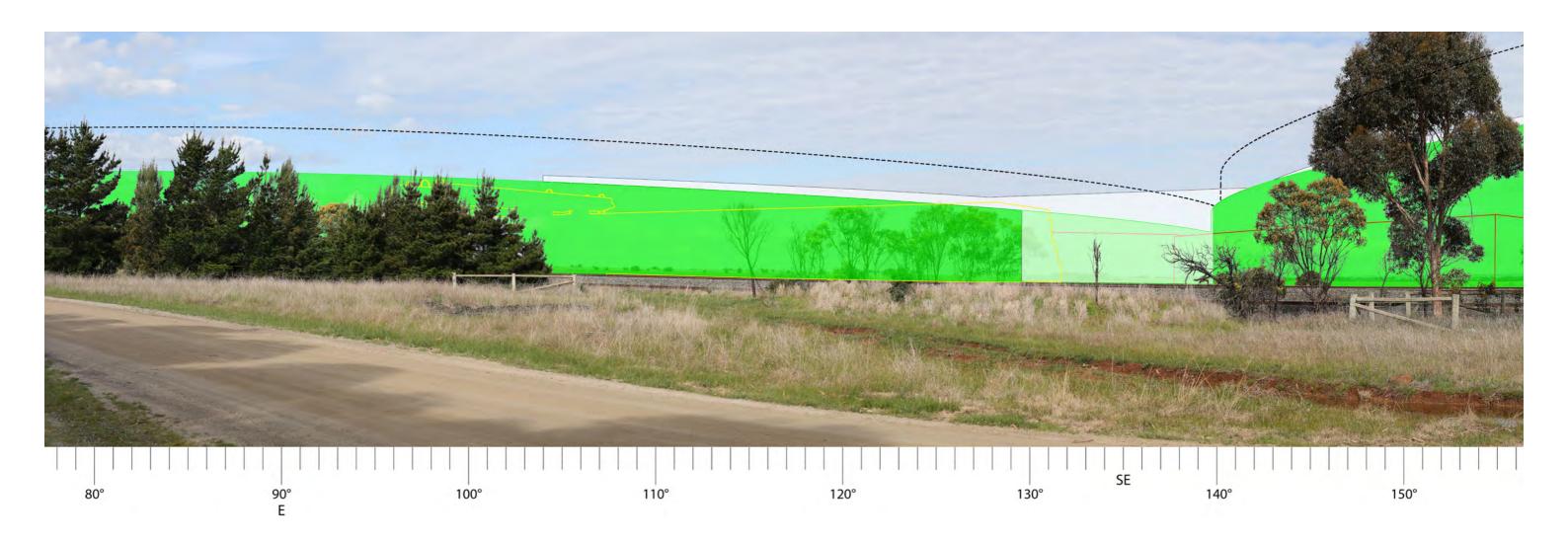
Camera setup: Canon 5D Mark, 50mm Lens

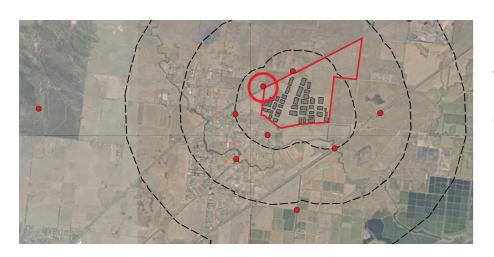
Warehouses
Indicative noise wall location

Note: Rail Infrastructure would not be visible from this viewpoint

Drawing Title	Dania at Niana	Danisia - Na	Danista	D-4-	DL - 4	D:+ D-::	C I -
Drawing fille	Project Name	Drawing No.	Revision	Dale	rnolographea	riojeci riincipai	Scale

Page Display @ A3



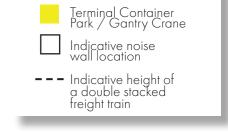


Distance from proposed buildings: 320m 117° Bearing:

Viewpoint location: E: 283137 N: 5796966

Date and time of photograph: 11th September 2022 (2:35pm AEST) Camera setup:

Canon 5D Mark, 50mm Lens

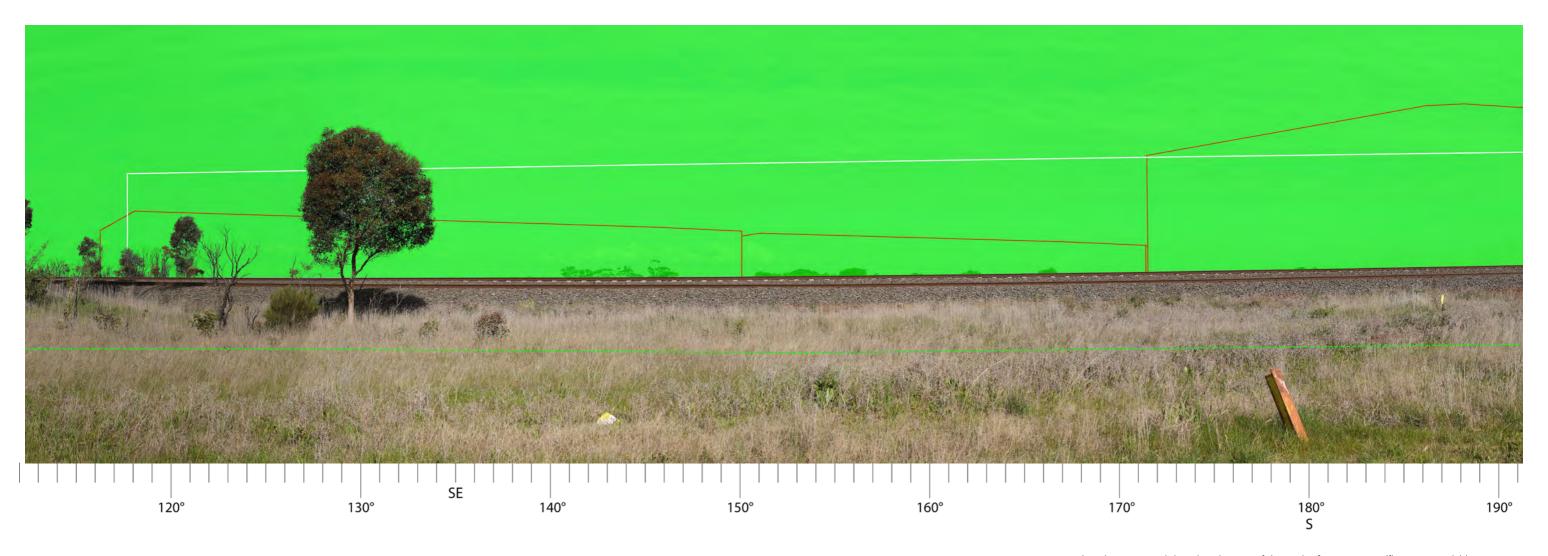


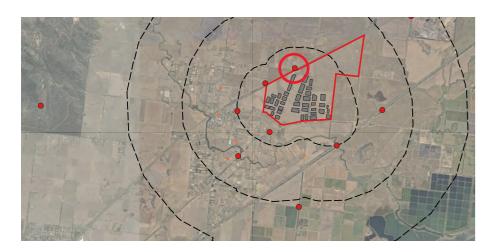
Warehouses

Rail Infrastructure / flyover

Drawing Title Project Name Drawing No. Photographed Project Principal Wireframe 9 Page Display @ A3

JC





Distance from proposed buildings: 230m Bearing: 153°

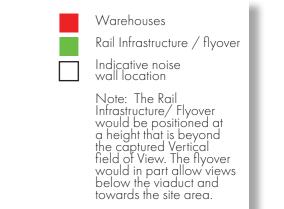
Viewpoint location: E: 283137 N: 5796966

Date and time of photograph: 11th September 2022 (2:46pm AEST)

Camera setup: Canon 5D Mark, 50mm Lens

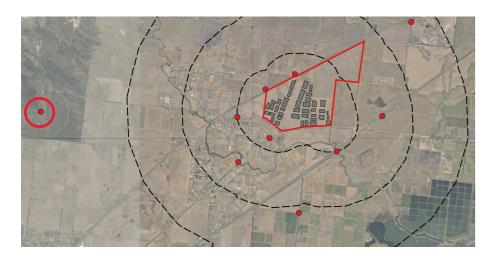
It has been noted that the design of the rail infrastructure /flyover would be positioned directly in front of this viewpoint.

Therefore, all other components of the development would be located behind the rail flyover from Viewpoint 14.



Drawing Title Project Name Drawing No. Revision Date Photographed Project Principal Scale





Distance from proposed buildings: 8090m Bearing: 90°

Viewpoint location: E: 273958 N: 5795612

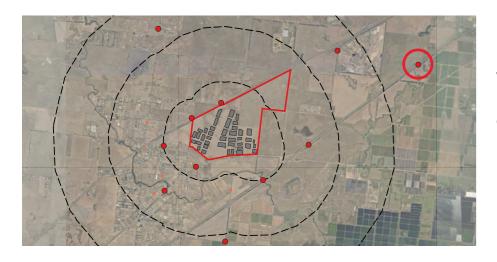
Date and time of photograph: 11th September 2022 (3:29pm AEST)

Camera setup: Canon 5D Mark, 50mm Lens



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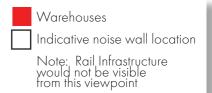




Distance from proposed buildings: 6600m Bearing: 245°

Viewpoint location: E: 290262 N: 5798345

Date and time of photograph: 8th November 2022 (11:25am AEST)
Camera setup: Canon 5D Mark, 50mm Lens



Drawing Title	Project Name	Drawing No.	Revision	Date	riiologiapiiea	Project Principal	Scale
Wireframe 12							Page Display @ A3
Viewpoint 17 Princes Highway (Road Users)	Little River Intermodel Freight Terminal	321-0501-01-L-00-DR412	03	06.06.2023	JC	MR	

Appendix 5 - Landscape Plan

132A Old Melbourne Road Little River Logistics Precinct

Landscape and Visual Impact Technical Assessment - Final Issue 17.07.2023 Prepared for Pacific National

Prepared By: JC Reviewed By: MR Project Principal: MR

The establishment of planting within this landscape environment is anticipated to be planted within a relatively harsh and slow growing condition and therefore landscape planting should be established as early as practicable. The time frame for the established planting is based on the estimated operational

The growth rate for the selected species within the boundary planting is based on measures to support the uptake of boundary planting which would likely allow a nominal growth rate of 1m per year for selected establishing species, with a fast growth rate (species include eg, Acacia). The growth rate modeled for other Eucalypt spp. and taller trees along the boundary of the site has assumed a growth rate of 400-600mm, which would supersede the height of the early establishing Acacia over time. For the purposes of the assessment, based on the watering mitigations proposed for the boundary area it is a assumed an average growth rate of

All other off-site planting has been a assumed a similar growth rate of 400mm - 600m with the worst case growth rate of 400mm per year being modeled.

stages of the project and reflects the stages assessed within the Landscape and Visual Impact Assessment.

Perimeter planting (with water mitigation):

600mm could be achieved.

Establishing species: Growth rate 1m per year (to max height of 10m)

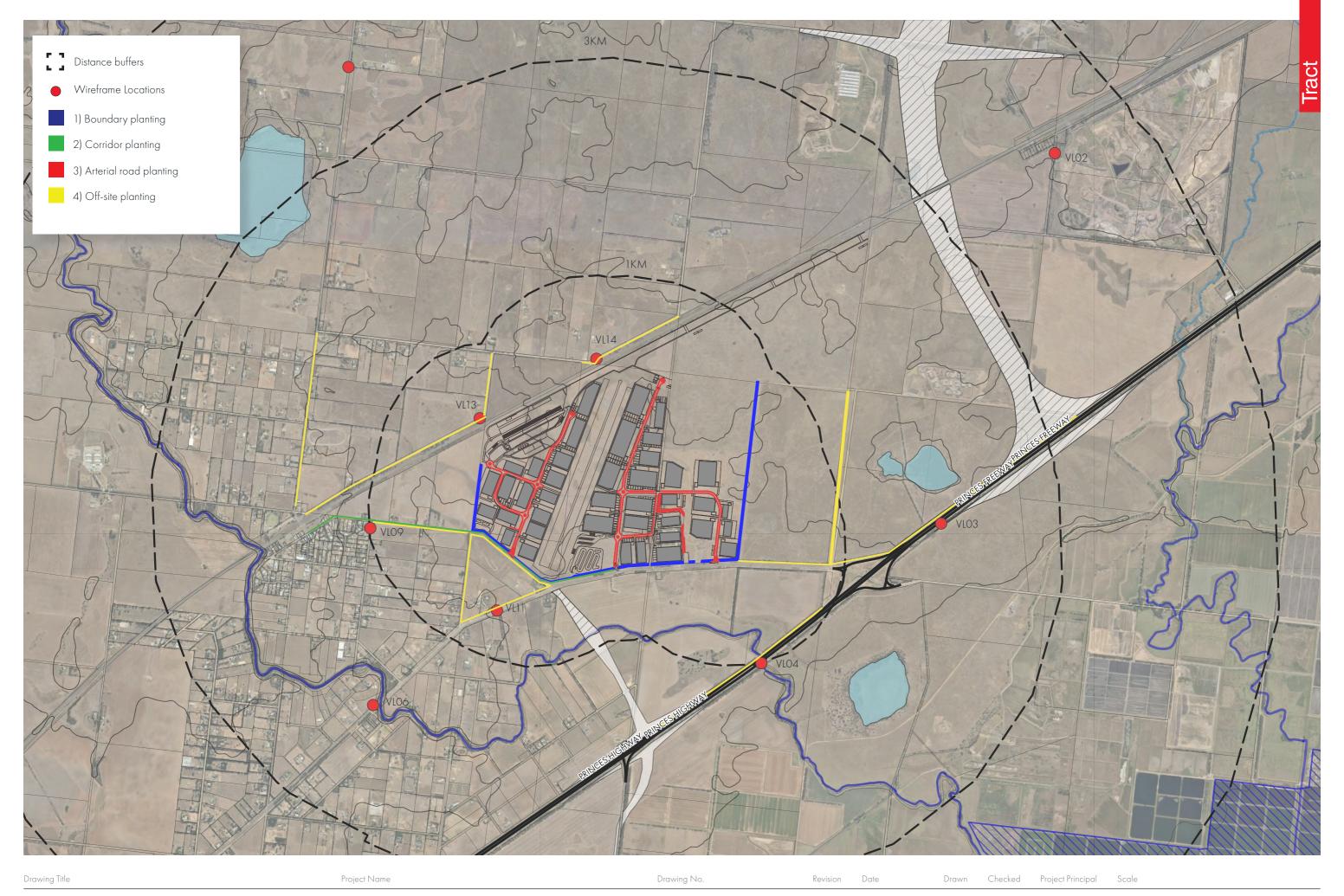
Long term Tall Trees: Growth rate 600mm per year

The growth rate is indicative only and would vary across species selection and would vary from year to year. Growth may also be influenced by several environmental and climatic conditions that may influence final plant maturity.

The planting palette is indicative only and would require further detailed design at a later stage. This landscape planting plan is for early visualisation modeling only.

The landscape planting types includes the following landscape planting palettes:

- 1) Boundary planting
- 2) Corridor planting
- 3) Arterial road planting
- 4) Off-site planting



Landscape PlanLittle River Intermodel Freight Terminal321-0501-01-L-00-DR110326.04.2023JCMR1:3000

Indicative planting palette

1. Boundary Planting

Landscape planting to be established along the site boundary within the early landscape planting in 2023.

Located within the Plains Grassland EVC which typically does not include vegetation above 1m. This planting will be supplemented with a mix of nearby species from the typical Plains Grassy Woodland and the Creekline Plains Grassy Woodland.

Tree Species would include:

Eucalyptus camaldulensis (River Red Gum)

Eucalyptus melliodora (Yellow Box)

Eucalyptus microcarpa (Grey Box)

Allocasuarina luehmannii (Buloke)

Eucalyptus leucoxylon (Yellow Gum)

Understory Species would include:

Acacia pycnantha (Golden Wattle)

Acacia paradoxa (Hedge Wattle)

Additional species may include:

Acacia melanoxylon

Acacia maidenii

2. Corridor Planting

Landscape planting to be established within the early landscape planting in 2023.

Located within the Plains Grassland which typically does not include vegetation above 1m. This planting will be supplemented with a mix of nearby species from the typical Plains Grassy Woodland to provide shade and amenity to the pedestrian corridor and additional visual screening through the tree planting within the west of the site area. This corridor should include understory planting representative of the Plains Grassland environment, connecting the corridor to the surrounding plain's grassland and landscape setting.

Tree Species would include:

Eucalyptus camaldulensis (River Red Gum)

Eucalyptus melliodora (Yellow Box)

Eucalyptus microcarpa (Grey Box)

Eucalyptus leucoxylon (Yellow Gum)

Understory Species would include:

Acacia pycnantha (Golden Wattle)

Acacia paradoxa (Hedge Wattle)

Additional species may include:

Acacia melanoxylon

Acacia maidenii

3. Arterial road planting

To be established alongside arterial road construction within the estimated operational stages 1-3.

Located within the Plains Grassland EVC which typically does not include vegetation above 1m. This planting will be supplemented with a mix of nearby tree species from the typical Plains Grassy Woodland and the Creekline Plains Grassy Woodland.

Tree Species would include:

Eucalyptus melliodora (Yellow Box)

Eucalyptus microcarpa (Grey Box)

Eucalyptus leucoxylon (Yellow Gum)

4) Off-site planting

The suggested off-site areas may be explored for additional future planting mitigation. To be established as early as possible, it is estimated off-site planting may be established within stage 1 of operations.

Located within a highly modified agricultural area, including existing fence line vegetation. This planting would provide additional screening from the source of viewing and would add another visual screening layer to the existing field of view.

This planting could be a combination of the EVC species from the surrounding area and non-native species that currently exist within the agricultural landscape and align with existing shelter belts or vegetation within private land.

Appendix 6 - Photomontage Visualisations

132A Old Melbourne Road Little River Logistics Precinct

Landscape and Visual Impact Technical Assessment - Final Issue 17.07.2023 Prepared for Pacific National

Prepared By: JC Reviewed By: MR Project Principal: MR

The Photomontage visualisations have been prepared based on the Schematic Design of 132A Old Melbourne Road Little River Intermodal Freight Terminal (drawn 20/12/2022).

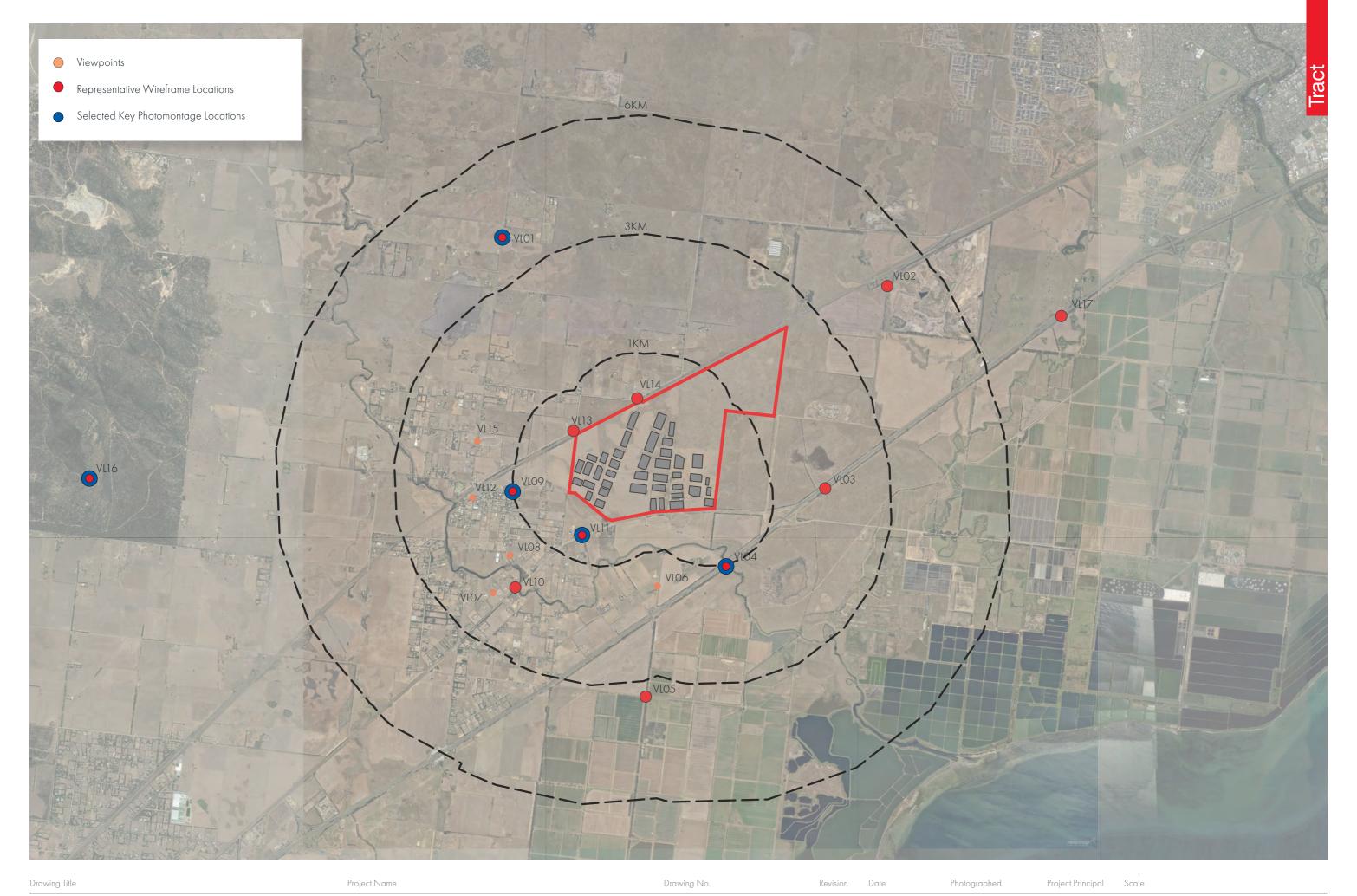
The Photomontage visualistations have been developed to represent the project development stages. The following time frames have been used to represent key development stages and the associated planting growth rate, as shown on the indicative landscape plan.

LVIA Stage of Assessment	Year of Photomontage
Early landscape planting is established	-
Stage 1	2030
Stage 2	2035
Stage 3	2045
Landscape planting at maturity	2050

The following viewpoints have been selected for Photomonatge production:

- Viewpoint 1- Edgar road (Rural Residential)
- Viewpoint 4 Princes Highway (Road Users)
- Viewpoint 9 Macleans Road (Residential)
- Viewpoint 11 Old Melbourne Road (Rural Residential
- Viewpoint 16 You Yangs Picnic Area (Recreational User)

Refer to the Landscape and Visual Impact Assessment Report for further description on visusalisation methodology and assessment.



Selected Photomontage Visualisations

Little River Intermodel Freight Terminal

321-0501-01-L-00-DR500 03 06.06.2023 JC MR





Photomontage visualisation Viewpoint 1- Edgar road (Rural Residential)







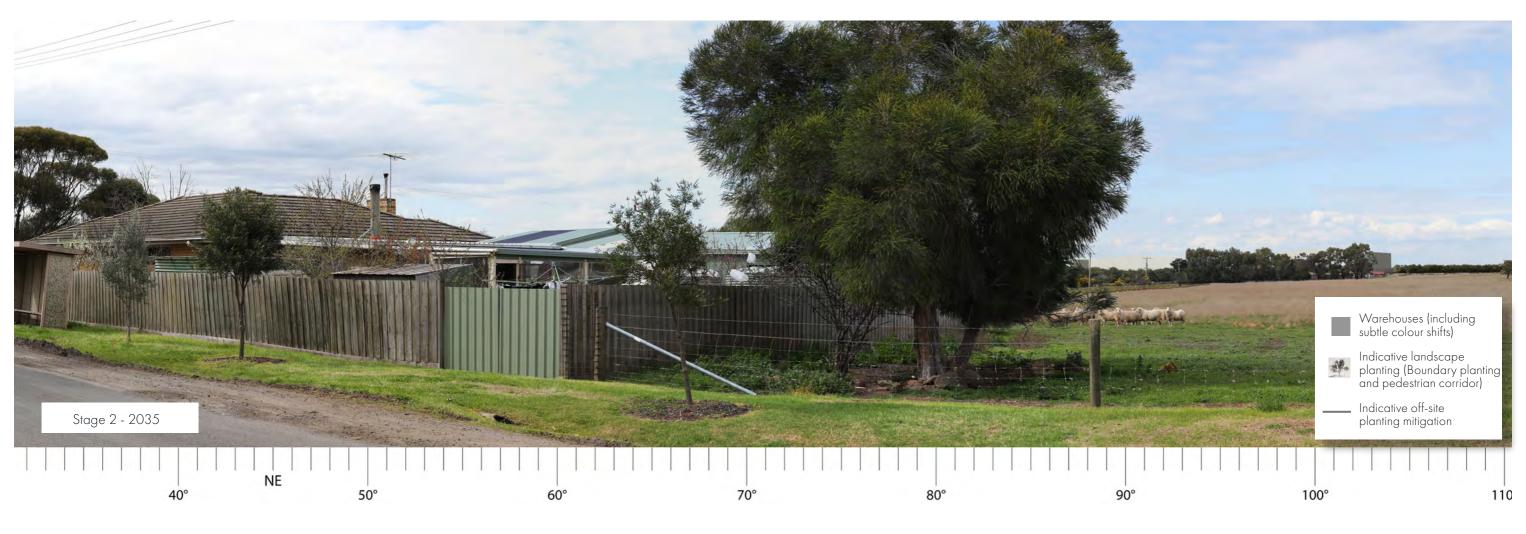


Photomontage visualisation
Viewpoint 4 Princes Highway (Road Users)









Photomontage visualisation
Viewpoint 9 - Macleans Road (Residential)

Drawing Title

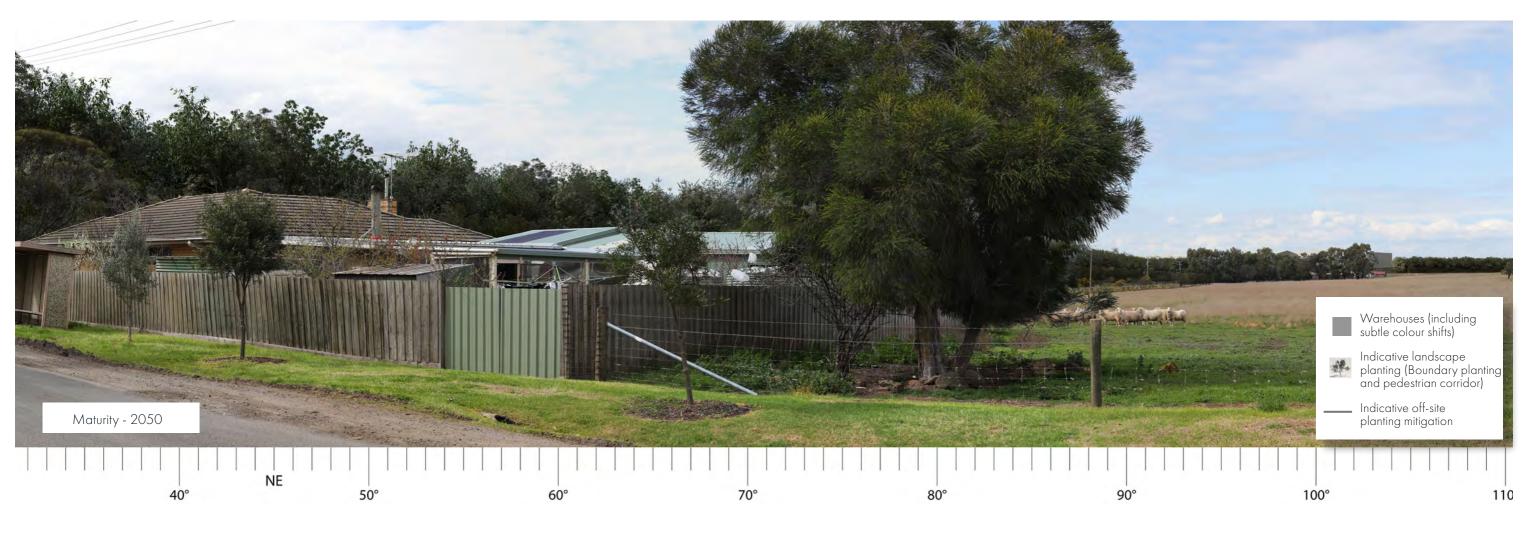
Project Name

Drawing No.

Photographed

Project Principal





Drawing No.

Photomontage visualisation

Viewpoint 9 - Macleans Road (Residential)

Little River Intermodel Freight Terminal

Project Name

Drawing Title

Terminal 321-03

321-0501-01-L-00-DR506

06.06.2023

Photographed

JC

MR

Project Principal



