

### **DRAWING REGISTER**

DRAWING NUMBER		MBER	SHEET NAME	REV. No.	REV. DATE	
14503.5	DA	L000	COVER PAGE	К	4/7/24	
14503.5	DA	L010	SITE ANALYSIS	K	4/7/24	
14503.5	DA	L020	SITE HISTORY	K	4/7/24	
14503.5	DA	L030	SITE PHOTOS	K	4/7/24	
14503.5	DA	L040	PROPOSED LANDSCAPE PLAN	K	4/7/24	
14503.5	DA	L050	PROPOSED LINKAGES	K	4/7/24	
14503.5	DA	L060	PROPOSED STREET TREES	K	4/7/24	
14503.5	DA	L070	BUFFER, RIPARIAN AND WATER QUALITY BASIN	K	4/7/24	
14503.5	DA	L080	N.E.H. BUFFER AND RIPARIAN INTERFACE PLANTING PALETTE	K	4/7/24	
14503.5	DA	L140	MATERIALS PALETTE	K	4/7/24	
14503.5	DA	L100	VIEWPOINT 1 & INDICATIVE PHOTOMONTAGE	K	4/7/24	
14503.5	DA	L110	PHOTOMONTAGE 1 AND VISUAL IMPACT ASSESSEMENT	K	4/7/24	
14503.5	DA	L120	IMPACT ASSESSMENT VP 2 & INDICATIVE PHOTOMONTAGE	K	4/7/24	
14503.5	DA	L130	PHOTOMONTAGE 2 AND VISUAL IMPACT ASSESSEMENT	K	4/7/24	
14503.5	DA	L140	IMPACT ASSESSMENT VP 3 & INDICATIVE PHOTOMONTAGE	K	4/7/24	
14503.5	DA	L150	PHOTOMONTAGE 3 AND VISUAL IMPACT ASSESSEMENT	K	4/7/24	

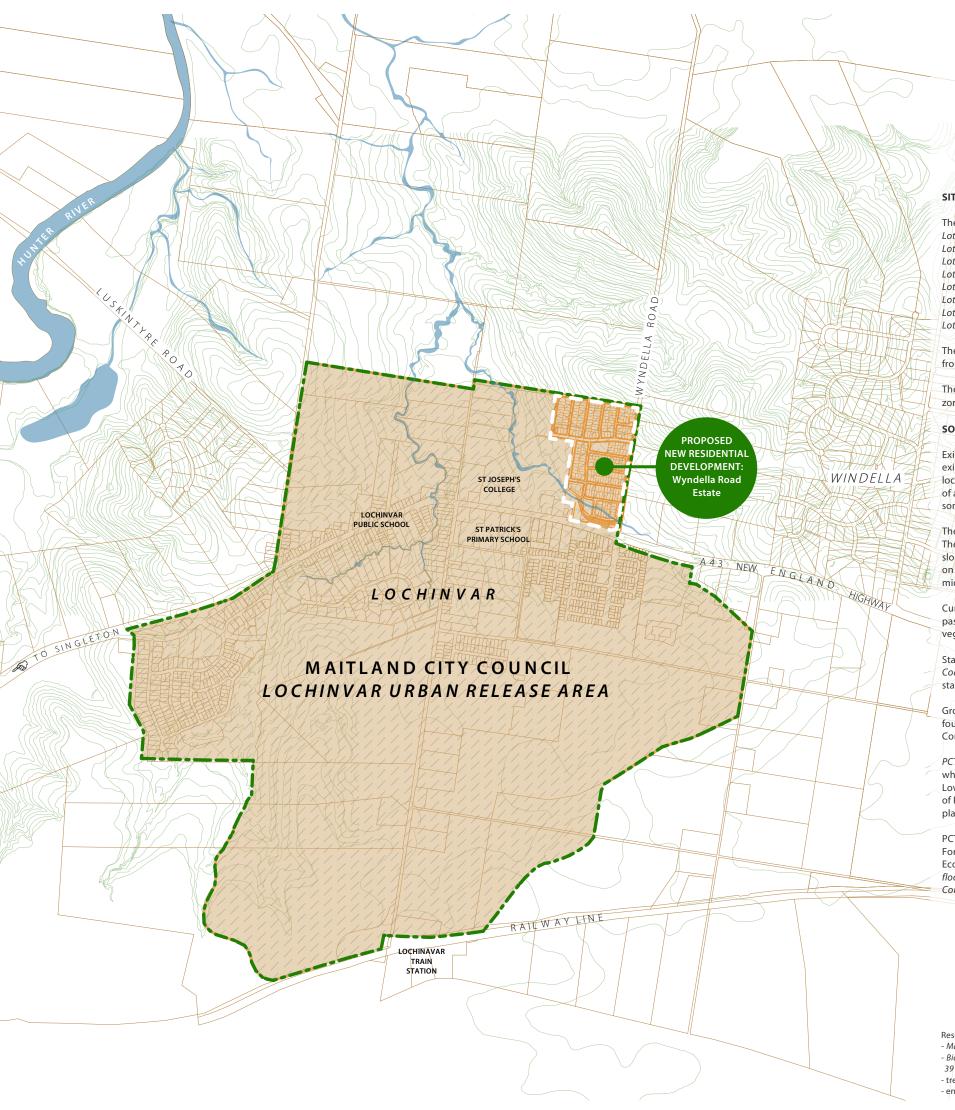
## landscape documentation

Wyndella Road Estate Subdivision

Lochinvar Developments Ltd.

Corner of New England Highway & Wyndella Road, Lochinvar





# SITE ANALYSIS | L010

Wyndella Road Estate Subdivision

### SITE - GENERAL DESCRIPTION

The proposed 22.54ha site comprises;

Lot 2/DP747391 Lot 3/DP747391

Lot 4/DP747391

Lot 5/DP747391

Lot 6/DP747391

Lot 9/DP747391

Lot 12/DP1219648

Lot 13/DP1219648

The site is accessed from Wyndella Road, running roughly north from the A43 - New England Highway.

The site forms part of the Lochinvar Urban Release Area, and is zoned R1-General under the Maitland Local Environment Plan 2011.

### SOIL TYPE AND VEGETATION

Existing soils are likely to be highly modified both within the the existing development footprint, and the area of what appears to be locally indigenous remnant or regrowth vegetation. Over a century of agrarian use has left a few patches of the original tree layer, and some sheltering species within the riparian zone.

The site is part of the NKB-Iv LOCHINVAR SOIL LANDSCAPE. The main soils are Non-calcic Brown Soils (Db1.12) on the gentle slopes with Brown Podzolic Soils (Db2.11, Db1.41). on the steeper areas. There are Yellow Solodic Soils (Dy2.12) on the mid to lower slopes of the steeper hills and in some drainage lines.

Currently of rural character, and used as grazing, it is predominantly pasture grasses, exotic weeds and scattered remnants of native vegetation, including a dozen or so surviving paddock trees.

State vegetation mapping lists this area as being PCT 3433 - Hunter Coast Foothills Spotted Gum Ironbark Grassy Forest, in its pre-colonial state. (treesnearme.app)

Ground-truthing surveys by Anderson Environmental & Planning found, apart from large areas of exotic vegetation, indigenous Plant Community Types on site to be classified as:

PCT 3433 - Hunter Coast Foothills Spotted Gum-Ironbark Grassy Forest, which is associated with the Endangered Ecological Community Lower Hunter Spotted Gum Ironbark Forest (BC Act 2016). The area of PCT 3433 was deemed not to be remnant, but deliberately planted.

PCT 4044 - Northern Creekflat Eucalypt-Paperbark Mesic Swamp Forest which is associated with is associated with the Endangered Ecological Community Swamp sclerophyll forest on coastal floodplains of the NSW North Coast, Sydney Basin and South East

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- Maitland LEP Part F Urban Release Areas Lochinvar Urban Release Area
- Biodiversity Management Plan 898 New England Hwy, 25 Wyndella Rd and 39 Wyndella Rd, Lochinvar, NSW Anderson Environment and Planning - June 2024
- treesnearme.app/explore
- environment.nsw.gov.au/eSpade2WebApp







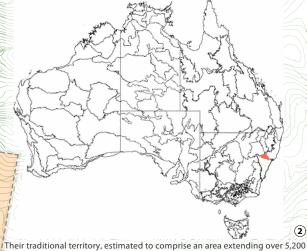
The Wonnarua people are acknowledged as the traditional owners of the lands in which the current area of the Maitland City Council sits.

A dreamtime story from the Wonnarua explains how the hills and rivers in the Hunter Valley were created by a spirit called Baiame, whose home cave is still protected by the Wonnarua people in the hills nearby.

It is unknown exactly how many Aboriginal people lived in the Hunter Valley before Europeans arrived, but the population is known to have declined rapidly after European settlement.

Throughout the 1820s and 30s settler numbers in the Hunter Valley increased. The influx of settlers caused disruption to the movement and ancient activities of Aboriginal groups, and greatly affected their health in numerous ways.

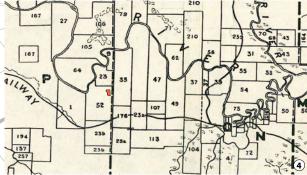
As they lost their traditional lands to agriculture, the town of Singleton became the area most identified with the Wonnarua people.



square kilometres, spreads from the Upper Hunter River above Maitland, west to the Great Dividing Range, towards Wollombi.

The Wonnarua people have maintained a strong sense of their own cultural identity and links with the land despite the impact of European contact on their traditional lands and culture. Through this sustained identity, they are today continuing to reinvigorate their traditional culture, led by the Wonnarua Nation Aboriginal Corporation.

The Hunter River was known as Coquun - "fresh water" to the Wonnarua people who used the many tributaries for camp sites, including the one flowing through the southern end of the proposed development site.



Eleven kilometres west of Maitland, "Lochinvar" was one of the earliest land grants in the Hunter Valley. Lot 52, comprising 2,000 acres was assigned to Leslie Duguid, a free settler from Scotland in 1822. Established with the aid of convict servants, Lochinvar became one of the first commercial vineyards in the area.

In 1840 the estate of Lochinvar was sold.

"This splendid Hunters' River estate will be brought to the hammer by Mr. Smart at twelve o'clock 2 April 1840.

The property has been divided into seventy five small farms of different sizes, besides a number of village allotments"



# SITE HISTORY | LOZ

Wyndella Road Estate Subdivision



In 1883 a convent; The Sisters of St Joseph, Lochinvar was established in a farmhouse beside the unpaved road to Singleton.

An associated boarding school for girls was founded by the church, and the site of the current proposed development was used to pasture cattle as an ncome source to support the residential students.

n modern times this has become a secondary coeducational college for



Now Lochinvar sits beside the busy A43 New England Highway between the major centres of Maitland and Singleton and accommodates a growing residential population for those predominantly working nearby, or in the **Greater Hunter Region** 

TEXT RESEARCH SOURCES:

esettlerorfelon.com/leslie\_duquid.htm

Clarendon Homes + Lindsay Bennelong Lochinvar Development Naming & Branding v1.0 - July 2022

IMAGE SOURCES:

(i) Wedgetailed Eagle - themercury.com.au

(ii) Indicative map of Wonnarua territory based on bioregion map of Australia and online sources - TLA

(iii) Spotted Gum Ironbark Forest, Hunter Valley - deceew.gov.au/environment/epbc/strategic-assessments/strate

(iii) Map Showing the progress of settlement in the Hunter-River-District 1821-1825 (Railways of later dates)

(iv) J.F. Campbell 21st August 1925 (From J. F. Campbell 'The Genesis of Rural Settlement on the Hunter'

Journal and Proceedings of the Royal Australian Historical Society, Vol XII 1926 Part II.) - hunterlivinghistories.

(iv) Craigle's general map of the Newcastle-Mailland-Cessnock District, NSW (c. 1920s) - hunterlivinghistories.com

(iv) Original farmhouse of the Sisters of St Joseph Lochinvar - ssil.org.au





Wyndella Road Estate Subdivision

Corner of New England Highway & Wyndella Road, Lochinyar

Lochinvar Developments Ltd.

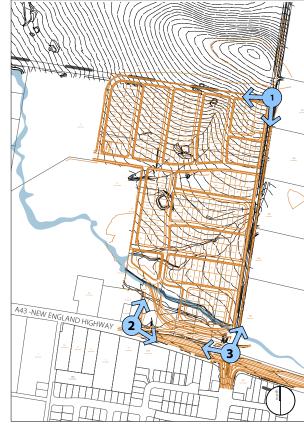
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412 KING STREET NEWCASTLE NSW AUSTRALIA 2300

# SITE PHOTOS | L030

Wyndella Road Estate Subdivision





KEY DIAGRAM: VIEWPOINT LOCATIONS. 1:10.000

TO MAITLAND & NEW CASTLE

2. VIEW FROM SOUTH WEST OF SITE LOOKING NORTH EAST AND ALONG A43 NEW ENGLAND HIGHWAY TOWARDS RUTHERFORD.



K 4/7/24 minor edits to images
J 3/7/24 revisions to MCC RFI
REV DATE COMMENTS

PROJECT:

Wyndella Road Estate Subdivision

SITE:

Corner of New England Highway & Wyndella Road, Lochinvar

CLI

Lochinvar Developments Ltd.

14503.5-Wyndella road-DA+.

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JOB NUMBER: PHA

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# PROPOSED LANDSCAPE PLAN | LO-

Wyndella Road Estate Subdivision

INTERFACE WITH RURAL CONTEXT ACKNOWLEDGED WITH SMALL GROUP OF MIXED SPECIES FROM STREET TREE PALETTE. LESS FLAMMABLE SPECIES CHOSEN TO MEET APZ RQUIREMENTS FOR BOUNDARY ROAD. RURAL-STYLE FENCING IS ALSO PROPOSED ALONG THE NORTHERN BOUNDARY TO MEET MCC DCP - URBAN RELEASE, 2011.

AREA UNDER SEPARATE DEVELOPMENT APPLICATION

PROPOSED REMOVAL OF EXISTING TREES ON SITE DUE TO CONSTRUCTION IMPACT.

1.5M PEDESTRIAN PATH NETWORK TO MAITLAND CITY COUNCIL STANDARD DRAWINGS. SEE L050 - 'PROPOSED LINKAGES'. REFER ALSO TO CIVIL ENGINEERING DOCUMENTATION.

INDICATIVE PROPOSED INTERIM STORMWATER BIO-RETENTION BASIN TO BE PLANTED IN ACCORDANCE WITH MCC STANDARD DRAWING: SD048 REFER ALSO TO CIVIL ENGINEERING DOCUMENTATION.

PROPOSED NATIVE STREET TREES CHOSEN FROM MAITLAND CITY COUNCIL APPROVED LIST. SEE SHEET L060 - 'PROPOSED STREET TREES'.

NOTE: INDICATIVE-ONLY.

CONCEPT LOCAL PARK PROPOSED TO BE DESIGNED UNDER SEPARATE DEVELOPMENT APPLICATION.

2.5M SHARED-USE PATH CONNECTIONS TO MAITLAND CITY COUNCIL STANDARD DRAWINGS. SEE L050 - 'PROPOSED LINKAGES'. REFER ALSO TO CIVIL ENGINEERING DOCUMENTATION

VEHICLE ACCESS BARRIERS TO BE DESIGNED AT WORKS CERTIFICATE STAGE

NEW ROADS AND LOTS: REFER TO CIVIL ENGINEERING DOCUMENTATION.

BOUNDARY OF MAITLAND CITY COUNCIL DCP: LOCHINVAR URBAN RELEASE AREA.

PROPOSED NEW STORMWATER DETENTION BASIN TO BE PLANTED IN ACCORDANCE WITH MCC STANDARD DRAWING: SD048 REFER ALSO TO CIVIL ENGINEERING DOCUMENTATION. SEE L070 - 'BUFFER, RIPARIAN AND WATER OUALITY BASIN'

CONCEPT PARKLAND PROPOSED TO BE DESIGNED UNDER SEPARATE DEVELOPMENT APPLICATION.

VEHICLE ACCESS BARRIERS TO BE DESIGNED AT WORKS CERTIFICATE STAGE.

REALIGNED FIRST-ORDER WATERCOURSE.

INDICATIVE BOUNDARIES OF WORKS UNDER BIODIVERSITY MANAGEMENT PLAN BY OTHERS. SEE: L070 - 'BUFFER, RIPARIAN AND WATER OUALITY BASIN'

4.5M FIRE VEHICLE ACCESS.

L050 - 'PROPOSED LINKAGES'

L070 - 'BUFFER, RIPARIAN AND WATER QUALITY BASIN'

- REFER ALSO TO CIVIL ENGINEERING DOCUMENTATION.

BUFFER PLANTING ALONG NEW ENGLAND HIGHWAY(SHOWN HERE AS INDICATIVE) USING LOCALLY INDIGENOUS SPECIES SELECTED FROM PLANT COMMUNITY TYPES AS PER ECOLOGY REPORT.

L070 - 'BUFFER, RIPARIAN AND WATER QUALITY BASIN'

L080 - 'N.E.H. BUFFER AND RIPARIAN INTERFACE PLANTING PALETTE'

+ RURAL STYLE FENCING ALONG NEW ENGLAND HIGHWAY TO MCC DCP - URBAN RELEASE, 2011.

Wyndella Road Estate Subdivision

Corner of New England Highway & Wyndella Road, Lochinvar

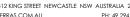
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# PROPOSED LINKAGES | L050

Wyndella Road Estate Subdivision

LEGEND



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2.5M WIDE SHARED-USE PATHWAYS. CONCRETE TO CIVIL DOCUMENTATION INCLUDING LINEMARKING AND SIGNAGE TO AS1742.9 - 2018 & AUSTROADS GUIDANCE.



1.5M WIDE FOOTPATH NETWORK THROUGHOUT ESTATE.



INDICATIVE ONLY: FOOTPATHS WITHIN PARKS. DESIGN PROPOSED TO BE SUBMITTED UNDER SEPARATE DEVELOPMENT APPLICATION.

4.5M WIDE FIRE VEHICLE ACCESS TRACK TO SOUTHERN PORTION OF ESTATE. CONCRETE TO CIVIL DOCUMENTATION.

Wyndella Road Estate Subdivision

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# MIXED GROUPINGS OF LOWER-FLAMMABILITY STREET TREE SPECIES AS RURAL INTERFACE ALONG NORTHERN BOUNDARY.

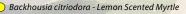
# PROPOSED STREET TREES | L060

Wyndella Road Estate Subdivision

### PROPOSED STREET TREES

ID	Botanical Name	Common Name	Potential Height	Potential Width	Scheduled Size
Вс 🔵	Backhousia citriodora	Lemon Scented Myrtle	8m	6m	75L
Buc 🔵	Buckinghamia celsissima	Ivory Curl Tree	8m	5m	75L
CvK 🔵	Callistemon viminalis 'Kings Park Special'	Weeping Bottlebrush- variety	5m	4m	75L
Ca 🔵	Cupaniopsis anacardioides	Tuckeroo	8m	4m	75L
Er 🔵	Elaeocarpus reticulatus	Blueberry Ash	8m	4m	75L
MbR 🔵	Melaleuca bracteata 'Revolution Gold'	Honey Myrtle - variety	6m	4m	75L
TI 🌑	Tristaniopsis laurina	Water Gum	8m	4m	75L
Wf 🛑	Waterhousia floribunda	Weeping Lilly Pilly	10m	4m	75L







Waterhousia floribunda - Weeping Lilly Pilly



Cupaniopsis anacardioides - Tuckeroo



Eleaocarpus reticulatus - Blueberry Ash



Tristaniopsis laurina - Water Gum



• Callistemon viminalis 'Kings Park Special' - Weeping Bottlebrush variety





Melaleuca bracteata 'Revolution Gold' - Honey Myrtle variety



K 4/7/24 minor edits to images
J 3/7/24 revisions to MCC RFI
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PROJE

Wyndella Road Estate Subdivision

Corner of New England Highway & Wyndella Road, Lochinvar

CLIENT:

Lochinvar Developments Ltd.

145U3.5-Wyndelia road-DA+.vw

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JOB NUMBER: PHASE: DWG No: REV: **14503.5 DA L060 K** 







INDICATIVE ONLY FOR CONTEXT:
——PARK OR PERIPHERAL TREE NOT CLASSIFIED AS STREET TREE
OR NOMINATED ON THIS SHEET / SCHEDULE

# BUFFER, RIPARIAN AND WATER QUALITY BASIN | L070 Wyndella Road Estate Subdivision **BOUNDARY FENCING** TO MAITLAND DCP

**\*** INDICATIVE SEATING / INTERPETATION AREAS AREA OF BMP / RIPARIAN CORRIDOR- DOCUMENTATION BY OTHERS AT INTERFACE OF PARK AND BMP / RIPARIAN CORRIDOR BIOFILTRATION STORMWATER DETENTION BASIN NEW ENGLAND HIGHWAY BUFFER PLANTING

INDICATIVE SECTION: NEW ENGLAND HIGHWAY THROUGH RIPARIAN ZONE

DETENTION BASIN TO BE PLANTED IN ACCORDANCE WITH MCC STANDARD DRAWING: SD048 NOTE: NOT DESIGNED FOR PERMANENT WATER RETENTION

Wyndella Road Estate Subdivision

Corner of New England Highway & Wyndella Road, Lochinvar

Lochinvar Developments Ltd.

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14503.5 DA L070 K

STORMWATER DETENTION BASIN- INDICATIVE PARTIAL SECTION



DOCUMENTATION OF BIODIVERSITY MANAGEMENT PLAN FOR RIPARIAN AREA BY ANDERSON ENVIRONMENT AND PLANNING.

SPECIES SHOWN ARE INDICATIVE ONLY AND DO NOT DIRECTLY RELATE TO THE PROPOSED PLANTING PALETTE.

REFER ALSO TO 'N.E.H. BUFFER AND RIPARIAN INTERFACE PLANTING PALETTE' SHEET L080



# N.E.H. BUFFER AND RIPARIAN INTERFACE PLANTING PALETTE

Wyndella Road Estate Subdivision



### PROPOSED BUFFER & RIPARIAN INTERFACE TREES

ID	Botanical Name	Common Name	<b>Potential Height</b>	<b>Potential Width</b>	Scheduled Size
BrAc	Brachychiton acerifolius	Bottle Tree; Illawarra Flame Tree	25 - 30m	3.5 - 6m	
CuAn	Cupaniopsis anacardioides	Tuckeroo	10 - 15m	3.5 - 6m	75L
HyFl	Hymenosporum flavum	Native frangipani	20 - 25m	1.2 - 2.0m	
Lc	Lophostemon confertus	Brush Box	20 - 25m	6 - 10m	75L
Ма	Melia azedarach	White Cedar	5 - 10m	6 - 10m	75L
Sa	Syzygium australe	Brush Cherry	5 - 10m	3.5 - 6m	75L
SyPa	Syzygium paniculatum	Magenta Lillypilly	5 - 10m	6 - 10m	75L
TrLa	Tristaniopsis laurina	Water Gum	5 - 10m	3.5 - 6m	75L

### PROPOSED BUFFER & RIPARIAN INTERFACE UNDERPLANTINGS

ID	Botanical Name	Common Name	Potential Height	<b>Potential Width</b>	Scheduled Size
AcU	Acacia ulicifolia	Juniper Wattle	1-2m	1.2 - 2.0m	200mm
Blin	Blechnum indicum	Swamp Water Fern	0.9 - 1.5m	0.9 - 1.2m	200mm
BuSp	Bursaria spinosa	Sweet Bursaria	5 - 10m	0.3 - 0.6m	200mm
СоСу	Commelina cyanea	Scurvy Weed	0.0 - 0.3m	0.9 - 1.2m	50mm
DiReSp	Dillwynia retorta ssp. retorta	Heathy Parrot Pea	0.9 - 1.5m	0.9 - 1.2m	200mm
GaCl	Gahnia clarkei	Saw Sedge	1.5 - 3m	0.9 - 1.2m	150mm
JuUs	Juncus usitatus	Common Rush	0.9 - 1.5m	0.6 - 0.9m	150mm
LePo	Leptospermum polygalifolium	Lemon-Scented Tea Tree	1.5 - 3m	3.5 - 6m	200mm
LeJu	Leucopogon juniperinus	Prickly Bearded Heath	0.9 - 1.5m	0.0 - 0.3m	200mm
LoCo	Lomandra confertifolia	Mat-rush	0.3 - 0.45m	0.6 - 0.9m	150mm
LI	Lomandra longifolia	Spiny-headed Mat-Rush	0.75 - 0.9m	0.9 - 1.2m	150mm
MeDe	Melaleuca decora	White Feather Honeymyrtle	10 - 15m	6 - 10m	200mm
PeLi	Persoonia linearis	Narrow Leaved Geebung	3 - 5m	0.9 - 1.2m	200mm
PoUm	Pomax umbellata	Pomax	0.3 - 0.45m	0.3 - 0.6m	150mm
PuVi	Pultenaea villosa	Hairy Bush Pea	0.9 - 1.5m	0.9 - 1.2m	150mm
Rain	Ranunculus inundatus	River Buttercup	0.2 - 0.3m	Spreading	150mm
Thtr	Themeda australis/triandra	Kangaroo Grass	0.9 - 1.5m	0.3 - 0.6m	150mm



Planting palette understorey partly based on: Biodiversity Management Plan 898 New England Hwy, 25 Wyndella Rd and 39 Wyndella Rd, Lochinvar, NSW - Anderson Environment and Planning, June 2024

Canopy layer based on principles of general bushfire protection advice regarding less-flammable species and of street tree management adjacent power lines.

Wyndella Road Estate

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& Wyndella Road, Lochinvar

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14503.5 DA L080 K





# MATERIALS PALETTE | L140

Wyndella Road Estate Subdivision



CONCEPT: CORTEN AND SANDSTONE FOR FEATURE VIEWING PLATFORMS



CONCEPT: PARK FURNITURE AND SHELTERS HARDWOOD AND STEEL



PATHS:
BROOM-FINISH STANDARD CONCRETE TO 1.5m AND 2.5M PATHS
THERMOPLASTIC MARKINGS SHARED-USED PATH NETWORK



Wyndella Road Estate Subdivision

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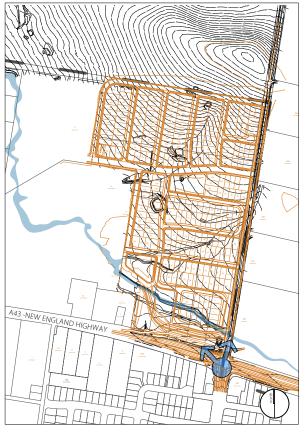


# VIEWPOINT 1 & INDICATIVE PHOTOMONTAGE | L100

Wyndella Road Estate Subdivision







**KEY DIAGRAM: VIEWPOINT 1 LOCATION.** 1:10,000



2. INDICATIVE DIGITAL MODEL AND PHOTOMONTAGE OF PROPOSED DEVELOPMENT ON SITE SHOWING SEVERAL YEARS GROWTH OF VMP-AREA AND STREET TREES. BILLBOARD KEPT FOR CONTEXT, BUT WOULD IN REALITY BE REMOVED FOR NEW SHARED PATH.

K 4/7/24 minor edits to image
J 3/7/24 revisions to MCC RFI
REV DATE COMMENTS

PRO.

Wyndella Road Estate Subdivision

SITE

Corner of New England Highway & Wyndella Road, Lochinvar

CLI

Lochinvar Developments Ltd.

145U3.5-Wyndelia road-DA+

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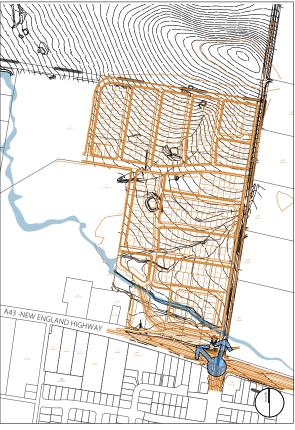
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# PHOTOMONTAGE 1 AND VISUAL IMPACT ASSESSEMENT | L110

Wyndella Road Estate Subdivision





KEY DIAGRAM: VIEWPOINT 1 LOCATION.

Distance:
60m North
View position:
Neutral
Vicual Qualitys
Visual Quality:
Medium- High
Camera
Date & Weather:
07.05.2024 Hazzy cloud
07.05.2024, Hazy cloud.
Camera and Lens:
anon 100D + 31mmFL:
18-55mm Canon Lens)
Camera Height:
1.5m (eye level)

Site

Viewpoint 1						
Landscape Values	Lochinavar has a post-colonial history of farming and of Catholic education. The aesthetics of the rural outlook to the area feature strongly in the community. The values of this formed rural landscape however, has varying significance for local residents, with the associated complexity of land ownership, use, ecology and disparate cultural spiritual practices.					
Viewer Access	Viewer access is HIGH, based on the heavy daily use of the New England Highway .					
Visual Sensitivity	Visual Sensitivity is rated as HIGH, being adjacent a major travel corridor.					
Magnitude of Change	The proposal is assessed as having a MODERATE magnitude of change due to the impact of the development upon the views.  A large proportion of the scene is already dominated by the NEH and associated infrastructure (traffic lights, powerlines etc.)  Views to the open pastured ridgeline and taller hills on the horizon would become mostly screened by proposed new trees, given time for growth.					
Visual Impact	High ratings of viewer access, visual sensitivity with a moderate magnitude of change result in a High impact assessment due the eventual loss of views across to hills in middle and far distance.					
Professional Comment	It is primarily the trees proposed to screen the built forms of houses and roads which will eventually cause the most impact to distant views, given some time to grow. The aesthetic balance of re-closing the view similar to the original forested state with a diverse range of species along the riparian corridor and softening the semi-industrial highway edge, against seeing a sprawl of massed houses creates reasonable grounds for a revised impact assessment of MODERATE.  Given the MCC Urban Release zoning of R1, the proposal is considered appropriate for the location.					

	NEGLIGIBLE	LOW	MODERATE	HIGH	
Viewer Access					
Visual Sensitivity					
Magnitude of Change					
Visual Impact - Significance rating based on above criteria:					
		High			
Reassessment based on Professional Opinion					
Moderate					

### DIGITAL MODEL NOTES:

A DIGITAL 3-DIMENSIONAL SITE MODEL WAS CREATED TO PROPOSED DESIGN LEVELS (CUT AND FILL) INCLUDING ROADS, VERGES, HOUSES AND STREET TREE LAYOUT.

HOUSES WERE CREATED IN GREY / OFFWHITE AS INDICATIVE MASSING IN MIXED ONE AND TWO-STOREY BUILDINGS AND PLACED ON INDIVIDUAL LOTS.

NO FENCING OR DOMESTIC VEGETATION IS SHOWN.

TREE MODELS APPROXIMATE NATIVE SELECTED SPECIES AND ARE INDICATIVE ONLY. VMP / BUFFER ZONES VEGETATION MODELLING IS CONCEPTUAL AND NOT BASED ON FULLY REALISED CONSTRUCTION DOCUMENTATION AT THIS DEVELOPMENT APPLICATION STAGE.

### FURTHER VISUAL MITIGATION:

POTENTIAL MEASURES TO FURHER LESSEN VISUAL IMPACT OF BUILT FORMS INCLUDE USING RECESSIVE COLOURS FOR HOUSES, AND PLANTING SCREENING VEGETATION TO BOUNDARIES AS EARLY AS POSSIBLE.

K	4/7/24	minor edits to images
J	3/7/24	revisions to MCC RFI
DEV/	DATE	

ROJECT:

Wyndella Road Estate Subdivision

SITE

Corner of New England Highway & Wyndella Road, Lochinvar

CLIENT:

Lochinvar Developments Ltd.

14503.5-wyndella road-DA+.vw

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14503.5 DA L110 K



# IMPACT ASSESSMENT VP 2 & INDICATIVE PHOTOMONTAGE | L120

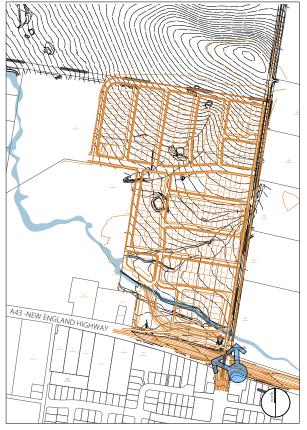
Wyndella Road Estate Subdivision



1. EXISTING VIEW FROM EASTERN PEDESTRIAN REFUGE ISLAND OPPOSITE WINDELLA ROAD, NEW ENGLAND HIGHWAY. PANORAMA DIGITALLY COMPOSED FROM FOUR PHOTOGRAPHS.



2. INDICATIVE DIGITAL MODEL AND PHOTOMONTAGE OF PROPOSED DEVELOPMENT ON SITE SHOWING SEVERAL YEARS GROWTH OF VMP-AREA AND STREET TREES.



**KEY DIAGRAM: VIEWPOINT 2 LOCATION.** 1:10,000

K 4/7/24 minor edits to images
J 3/7/24 revisions to MCC RFI
REV DATE COMMENTS

PROJECT

Wyndella Road Estate Subdivision

SITE:

Corner of New England Highway & Wyndella Road, Lochinvar

CLIENT:

Lochinvar Developments Ltd.

145U3.5-Wyndella road-D

DRAWN: DATE: DS / KH 12/12/2022

DB NUMBER: PHASE:

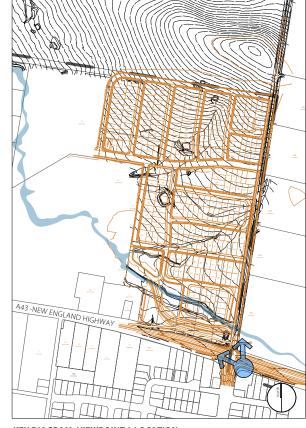




# PHOTOMONTAGE 2 AND VISUAL IMPACT ASSESSEMENT | L130

Wyndella Road Estate Subdivision





**KEY DIAGRAM: VIEWPOINT 2 LOCATION.** 

	Distance: 70m northwest					
View position: Neutral						
	Visual Quality: Medium					
	Camera					
07	Camera  Date & Weather: 7.05.2024, Hazy cloud.					
Cai	Date & Weather:					
Cai	Date & Weather: 7.05.2024, Hazy cloud. Camera and Lens: non 100D + 31mmFL:					

Site

Viewpoint 2						
Landscape Values	Lochinavar has a post-colonial history of farming and of Catholic education. The aesthetics of the rural outlook to the area feature strongly in the community. The values of this formed rural landscape however, has varying significance for local residents, with the associated complexity of land ownership, use, ecology and disparate cultural spiritual practices.					
Viewer Access	Viewer access is HIGH, based on the heavy daily use of the New England Highway.					
Visual Sensitivity	Visual Sensitivity is rated as HIGH, being adjacent a major travel corridor.					
Magnitude of Change	The proposal is assessed as having a HIGH magnitude of change due to the majority of the view being affected by the development.  A large proportion of the scene is already dominated by the NEH and associated infrastructure (traffic lights, powerlines etc.)  Views to the open pastured ridgeline and taller hills on the horizon would become mostly screened by proposed new trees, given time for growth.					
Visual Impact	High ratings of viewer access, visual sensitivity with a high magnitude of change result in a SIGNIFICANT impact assessment due the eventual loss of most views across to hills in middle and far distance.					
Professional Comment	It is primarily the trees proposed to screen the built forms of houses and roads which will eventually cause the most impact to distant views, given some time to grow. The aesthetic balance of re-closing the view similar to the original forested state with a diverse range of species along the riparian corridor and softening the semi-industrial highway edge, against seeing a sprawl of massed houses up the hill creates reasonable grounds for a revised impact assessment of MODERATE.  Given the MCC Urban Release zoning of R1, the proposal is considered appropriate for the location.					

	NEGLIGIBLE	LOW	MODERATE	HIGH	
Viewer Access					
Visual Sensitivity					
Magnitude of Change					
Visual Impact - Significance rating based on above criteria:  Significant					
Reassessment based on Professional Opinion					
Moderate					

### **DIGITAL MODEL NOTES:**

A DIGITAL 3-DIMENSIONAL SITE MODEL WAS CREATED TO PROPOSED DESIGN LEVELS (CUT AND FILL) INCLUDING ROADS, VERGES, HOUSES AND STREET TREE LAYOUT.

HOUSES WERE CREATED IN GREY / OFFWHITE AS INDICATIVE MASSING IN MIXED ONE AND TWO-STOREY BUILDINGS AND PLACED ON INDIVIDUAL LOTS. NO FENCING OR DOMESTIC VEGETATION IS SHOWN.

TREE MODELS APPROXIMATE NATIVE SELECTED SPECIES AND ARE INDICATIVE ONLY. VMP / BUFFER ZONES VEGETATION MODELLING IS CONCEPTUAL AND NOT BASED ON FULLY REALISED CONSTRUCTION DOCUMENTATION AT THIS DEVELOPMENT APPLICATION STAGE.

### FURTHER VISUAL MITIGATION:

POTENTIAL MEASURES TO FURHER LESSEN VISUAL IMPACT OF BUILT FORMS INCLUDE USING RECESSIVE COLOURS FOR HOUSES, AND PLANTING SCREENING VEGETATION TO BOUNDARIES AS EARLY AS POSSIBLE.

K	4/7/24	minor edits to images
J	3/7/24	revisions to MCC RFI
DEV/	DATE	

Wyndella Road Estate Subdivision

Corner of New England Highway & Wyndella Road, Lochinvar

Lochinvar Developments Ltd.

DRAWN: DATE: DS / KH 12/12/2022

14503.5 DA L130 K



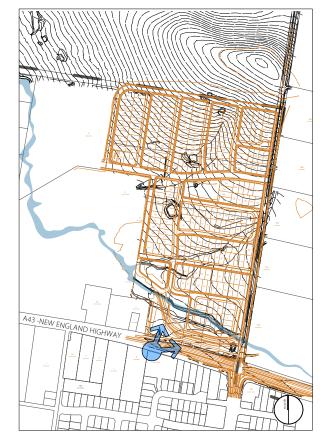
# IMPACT ASSESSMENT VP 3 & INDICATIVE PHOTOMONTAGE | L140

Wyndella Road Estate Subdivision



1. VIEWPOINT 3: EXISTING VIEW FROM ACROSS NEW ENGLAND HIGHWAY TOWARDS WESTERN BORDER OF SITE. PANORAMA DIGITALLY COMPOSED FROM FOUR PHOTOGRAPHS.





**KEY DIAGRAM: VIEWPOINT 3 LOCATION.** 

Wyndella Road Estate

Corner of New England Highway & Wyndella Road, Lochinvar

Lochinvar Developments Ltd.

14503.5 DA L140 K

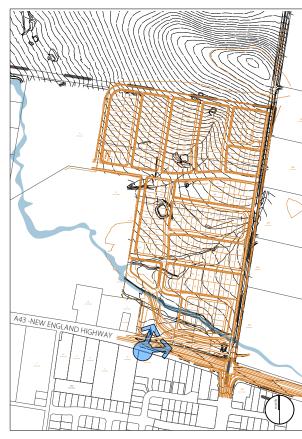


# PHOTOMONTAGE 3 AND VISUAL IMPACT ASSESSEMENT | L150

Wyndella Road Estate Subdivision



 $INDICATIVE\ DIGITAL\ MODEL\ AND\ PHOTOMONTAGE\ OF\ PROPOSED\ DEVELOPMENT\ ON\ SITE\ SHOWING\ SEVERAL\ YEARS\ GROWTH\ OF\ VMP-AREA\ AND\ STREET\ TREES.$ 



KEY DIAGRAM: VIEWPOINT 3 LOCATION.

	Distance: 30m North	
	View position: Neutral	
	Visual Quality: LOW	
	Camera	
19.	Camera  Date & Weather: .06.2024, High cloud.	
Can	Date & Weather:	
Can	Date & Weather: .06.2024, High cloud. Camera and Lens: ion 100D + 31mmFL:	

Site

Viewpoint 3				
Landscape Values	Lochinavar has a post-colonial history of farming and of Catholic education. The aesthetics of the rural outlook to the area feature strongly in the community. The values of this formed rural landscape however, has varying significance for local residents, with the associated complexity of land ownership, use, ecology and disparate cultural spiritual practices.			
Viewer Access	Viewer access is HIGH, based on the heavy daily use of the New England Highway .			
Visual Sensitivity	Visual Sensitivity is rated as HIGH, being adjacent a major travel corridor.			
Magnitude of Change	The proposal is assessed as having a LOW magnitude of change due to a large proportion of the scene dominated by the NEH and associated infrastructure (crash barriers, powerlines etc.) Views to the open pastured ridgeline are mostly screened by existing vegetation, which will be partly replaced by proposed new trees, given time for growth.			
Visual Impact	High ratings of viewer access, visual sensitivity with a low magnitude of change result in a Moderate impact assessment due the eventual loss of view to the ridgeline.			
Professional Comment	It is primarily the trees proposed to screen the built forms of houses and roads which will cause the most impacts to this view of the ridgeline.  As with viewpoints one and two, the aesthetic balance of re-closing the view similar to the original forested state with a diverse range of species along the riparian corridor and softening the semi-industrial highway edge, against seeing a sprawl of massed houses up the hill creates reasonable grounds for a revised impact assessment, in this case; LOW.			

LIGIBLE	LOW	MODERATE	HIGH			
Visual Impact - Significance rating based on above criteria:						
Moderate						
Reassessment based on Professional Opinion						
Low						
		Modera	Moderate  nt based on Professional Opin			

### DIGITAL MODEL NOTES:

A DIGITAL 3-DIMENSIONAL SITE MODEL WAS CREATED TO PROPOSED DESIGN LEVELS (CUT AND FILL) INCLUDING ROADS, VERGES, HOUSES AND STREET TREE LAYOUT.

HOUSES WERE CREATED IN GREY / OFFWHITE AS INDICATIVE MASSING IN MIXED ONE AND TWO-STOREY BUILDINGS AND PLACED ON INDIVIDUAL LOTS.

NO FENCING OR DOMESTIC VEGETATION IS SHOWN.

TREE MODELS APPROXIMATE NATIVE SELECTED SPECIES AND ARE INDICATIVE ONLY. VMP / BUFFER ZONES VEGETATION MODELLING IS CONCEPTUAL AND NOT BASED ON FULLY REALISED CONSTRUCTION DOCUMENTATION AT THIS DEVELOPMENT APPLICATION STAGE.

### FURTHER VISUAL MITIGATION:

POTENTIAL MEASURES TO FURHER LESSEN VISUAL IMPACT OF BUILT FORMS INCLUDE USING RECESSIVE COLOURS FOR HOUSES, AND PLANTING SCREENING VEGETATION TO BOUNDARIES AS EARLY AS POSSIBLE.

K	4/7/24	minor edits to images
J	3/7/24	revisions to MCC RFI
REV/	DATE	COMMENTS

PRO IECT:

Wyndella Road Estate Subdivision

SITE

Corner of New England Highway & Wyndella Road, Lochinvar

CLIENT:

Lochinvar Developments Ltd.

14503.5-wyndella road-DA+.vwx

DRAWN: DATE:
DS / KH 12/12/2022

IOB NUMBER: PHASE: DWG

14503.5 DA L150 K

