



DRAWING REGISTER

DRAWING NUMBER	SHEET NAME	REV. No.	REV. DATE
14503.5 DA L000	COVER PAGE	H	14/4/23
14503.5 DA L010	SITE ANALYSIS	G	14/4/23
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14503.5 DA L030	SITE HISTORY	G	14/4/23
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14503.5 DA L050	PROPOSED LINKAGES	G	14/4/23
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14503.5 DA L070	PROPOSED BUFFER ZONE	H	14/4/23
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14503.5 DA L100	WATER QUALITY AND RIPARIAN ZONE	G	14/4/23
14503.5 DA L110	PROPOSED RIPARIAN PLANTING PALETTE	G	14/4/23
14503.5 DA L120	PROPOSED BUFFER / PARK PLANTING PALETTE	G	14/4/23
14503.5 DA L130	CONCEPT ENTRY FEATURE	E	8/3/23
14503.5 DA L140	MATERIALS PALETTE	E	8/3/23

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 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-calciic 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)

A ground-truthing survey by Anderson Environmental & Planning found the remnant Plant Community Types to be classified as:

PCT1592 Spotted Gum - Red Ironbark - Grey Gum shrub - grass open forest of the Lower Hunter. Determinate tree species in this PCT include; *Allocasuarina toruloxsa*, *A. littoralis*, *Angaphora costata*, *Corymbia maculata*, *C. gummifera*, *Eucalyptus fibrosa*, *E. globoidea* and *E. umbra*.

PCT 1594 Cabbage Gum-Rough-barked Apple grassy woodland on alluvial floodplains of the Lower Hunter. Determinate tree species in this PCT include ; *A. floribunda*, *Backhousia myrtifolia*, *Casuarina cunninghamiana*, *C. glauca*, *E. amplifolia*, *E. tereticornis* and *Melaleuca styphelioides*,

PCT 1728 Swamp Oak Prickly Paperbark- Tall Sedge Swamp Forest on Coastal Lowlands of the Central Coast and Lower North Coast. Determinate tree species in this PCT include; *C. glauca*, *E. robusta*, *E. tereticornis* and various *Melaleuca sp.*

Resources:

- Maitland LEP - Part F - Urban Release Areas - Lochinvar Urban Release Area
- Due Dilligence Ecology Review- Lochinvar Urban Release, New England Hwy and Wyndella Rd, Lochinvar NSW - Anderson Environment & Planning 12/9/2022
- treesnearme.app/explore
- environment.nsw.gov.au/eSpade2WebApp

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F	8/3/23	revisions to client comment

PROJECT:
Wyndella Road Estate Subdivision

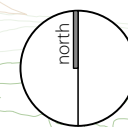
SITE:
Corner of New England Highway & Wyndella Road, Lochinvar

CLIENT:
Lochinvar Developments Ltd.

14503.5-wyndella road-DA_Gwvx 14/4/23

DRAWN: DS / KH DATE: 12/12/2022 SCALE: 1:20,000@A3

JOB NUMBER: 14503.5 DA L010 G PHASE: DWG No: REV:



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SITE PHOTOS | L020

Wyndella Road Estate Subdivision



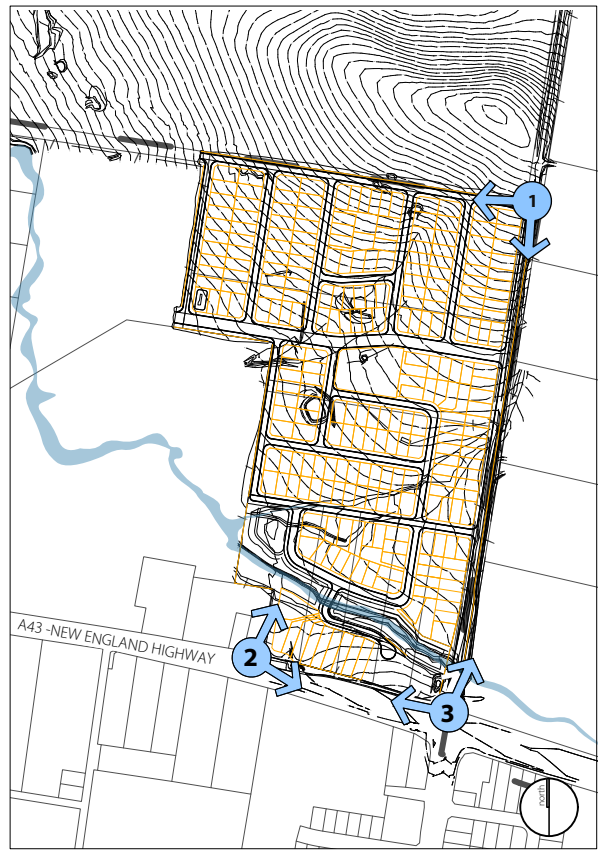
1. VIEW FROM TOP OF SITE LOOKING SOUTH ALONG WYNDELLA ROAD TOWARDS A43 NEW ENGLAND HIGHWAY.



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



3. VIEW FROM SOUTH EAST OF SITE LOOKING NORTH WEST AND ALONG A43 NEW ENGLAND HIGHWAY TOWARDS LOCHINVAR AND ST JOSEPH'S COLLEGE



KEY DIAGRAM: VIEWPOINT LOCATIONS.
1:10,000

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SITE HISTORY | L030

Wyndella Road Estate Subdivision



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.

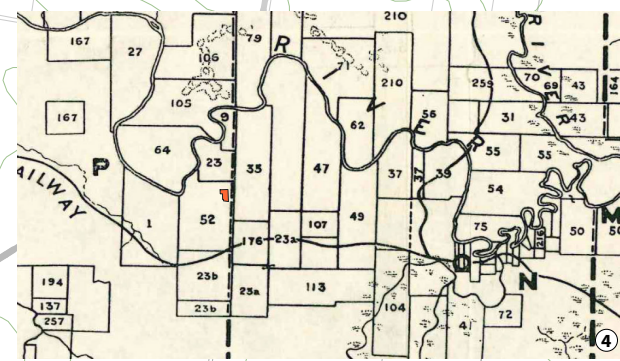
As they lost their traditional lands to agriculture, the town of Singleton became the area most identified with the Wonnarua people.



Their traditional territory, estimated to comprise an area extending over 5,200 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" - Sydney Herald



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 income source to support the residential students.

In modern times this has become a secondary coeducational college for students from Years 7-12.



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:
 wonnarua.org.au
 australian.museum/learn/cultures/atsi-collection/hunter-valley/the-wonnarua/
 Wikipedia
 mymaitland.com.au
 freesettlerorfeon.com/leslie_duguid.htm
 Clarendon Homes + Lindsay Bennelong Lochinvar Development Naming & Branding_v1.0 - July 2022

IMAGE SOURCES:
 ① Wedgetailed Eagle - themercury.com.au
 ② Indicative map of Wonnarua territory based on bioregion map of Australia and online sources - TLA
 ③ Spotted Gum Ironbark Forest, Hunter Valley - dcccw.gov.au/environment/epbc/strategic-assessments/strategic/nsw-lower-hunter
 ④ Map Showing the progress of settlement in the Hunter-River-District 1821-1825 (Railways of later dates) by 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.com
 ⑤ Craigie's general map of the Newcastle-Maitland-Cessnock District, NSW [c. 1920s] - hunterlivinghistories.com
 ⑥ Original farmhouse of the Sisters of St Joseph Lochinvar - sssl.org.au

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PROPOSED LANDSCAPE PLAN | L040

Wyndella Road Estate Subdivision



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

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

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.

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

NOTE: INDICATIVE-ONLY. CONCEPT LOCAL PARK PROPOSED TO BE DESIGNED UNDER SEPARATE DEVELOPMENT APPLICATION.

NEW ROADS AND LOTS: REFER TO CIVIL ENGINEERING DOCUMENTATION.

PROPOSED CONCEPT ENTRY FEATURE AS ESTATE BRANDING. SEE L130 - 'CONCEPT ENTRY FEATURE'.

PROPOSED NEW SEMI-DRY STORMWATER DETENTION BASIN TO BE PLANTED IN ACCORDANCE WITH MCC STANDARD DRAWING: SD048 REFER ALSO TO CIVIL ENGINEERING DOCUMENTATION. SEE L100 - 'WATER QUALITY AND RIPARIAN ZONE'

INDICATIVE RETAINED NATIVE VEGETATION. TO BE CLEARED OF WEED SPECIES AND REINFORCED WITH SUPPLEMENTARY LOCALLY INDIGENOUS SPECIMENS AS REQUIRED.

EASEMENT: GRASSED SWALE FOR STORMWATER RUN-OFF FROM NEW ENGLAND HIGHWAY REFER TO CIVIL ENGINEERING DOCUMENTATION.

INDICATIVE REVEGETATED RIPARIAN CORRIDOR USING SELECTED LOCALLY ENDEMIC SPECIES IN PLANT COMMUNITY TYPES NOTED BY ECOLOGICAL SURVEY, AND IN LINE WITH BUSHFIRE THREAT ASSESSMENT. SEE L100 - 'WATER QUALITY AND RIPARIAN ZONE' & L110 'PROPOSED RIPARIAN PLANTING PALETTE'.

INDICATIVE RETAINED NATIVE VEGETATION. TO BE CLEARED OF WEED SPECIES AND REINFORCED WITH SUPPLEMENTARY LOCALLY INDIGENOUS SPECIMENS AS REQUIRED.

4.5M FIRE VEHICLE ACCESS. SEE L050 - 'PROPOSED LINKAGES' & L080 - 'SOUTHERN PARKLAND ESTABLISHMENT'. REFER ALSO TO CIVIL ENGINEERING DOCUMENTATION.

NOTE: INDICATIVE ONLY. CONCEPT BUFFER PARKLAND PROPOSED TO BE FURTHER DESIGNED UNDER SEPARATE DEVELOPMENT APPLICATION. SEE: L080 - 'SOUTHERN PARKLAND ESTABLISHMENT' & L090 - 'SOUTHERN PARKLAND CONCEPT'

RURAL STYLE FENCING + SCREEN PLANTING (SHOWN HERE AS INDICATIVE) USING INDIGENOUS LOCAL SPECIES AS PER ECOLOGY REPORT ALONG SOUTHERN BOUNDARY. SEE: L070 - 'PROPOSED BUFFER ZONE' L090 - 'SOUTHERN PARKLAND CONCEPT' L120 - 'PROPOSED BUFFER / PARK PLANTING PALETTE'

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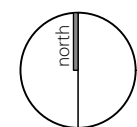
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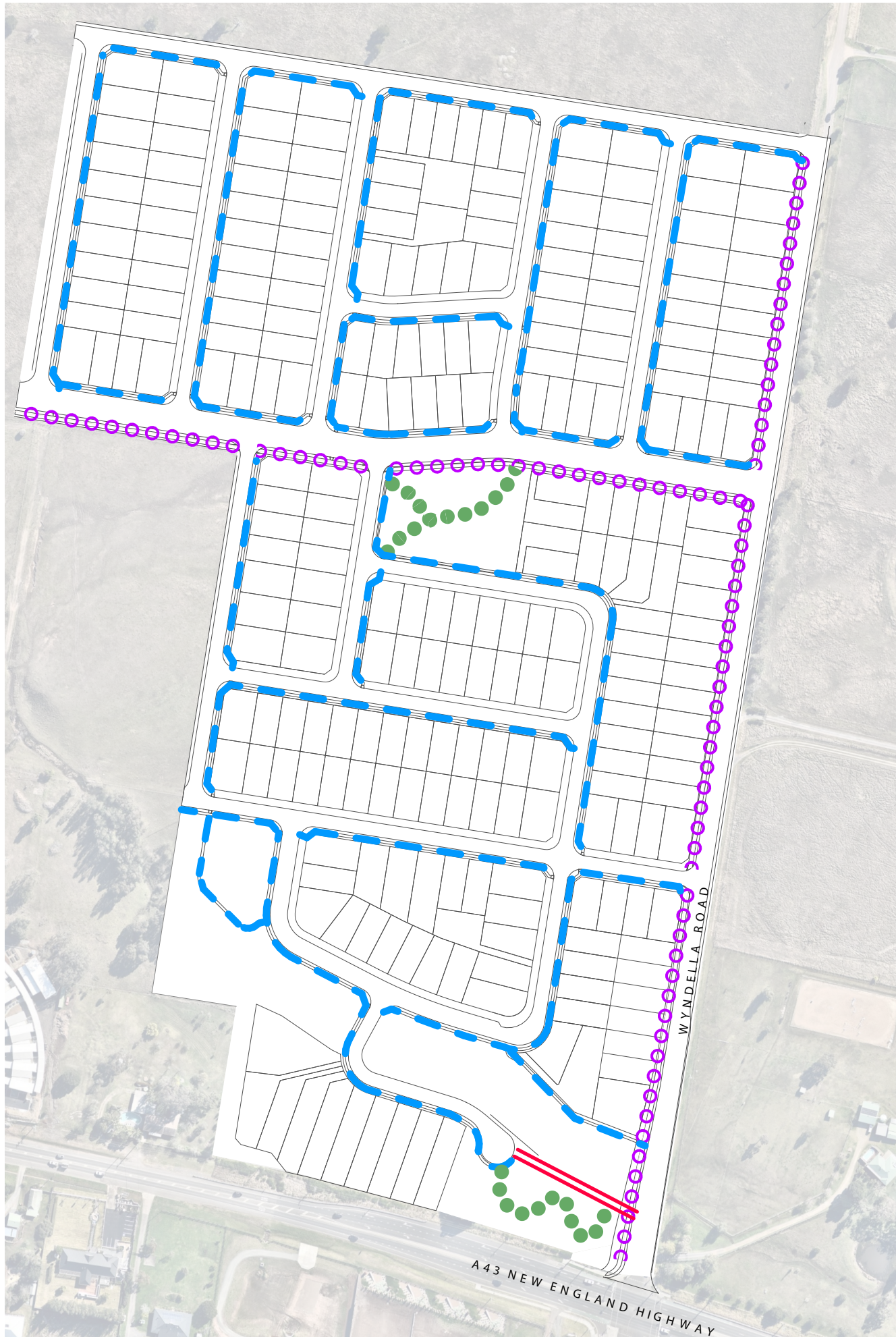
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14503.5 DA L040 G



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PROPOSED LINKAGES | L050

Wyndella Road Estate Subdivision




LEGEND




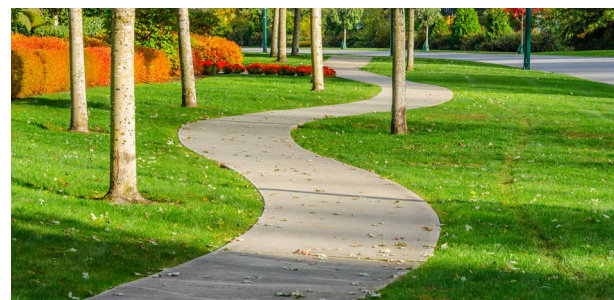
 2.5M WIDE SHARED-USE PATHWAYS.
CONCRETE TO CIVIL DOCUMENTATION
INCLUDING LINEMARKING AND SIGNAGE
TO AS1742.9 - 2018 & AUSTRROADS GUIDANCE.




 1.5M WIDE FOOTPATHS THROUGHOUT ESTATE.
CONCRETE TO CIVIL DOCUMENTATION.



 4.5M WIDE FIRE VEHICLE ACCESS TRACK
THROUGH SOUTHERN PARKLAND.
CONCRETE TO CIVIL DOCUMENTATION



 INDICATIVE ONLY :
1.5M WIDE FOOTPATHS WITHIN PARKS.
DESIGN PROPOSED TO BE SUBMITTED
UNDER SEPARATE DEVELOPMENT APPLICATION.

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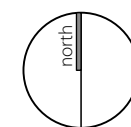
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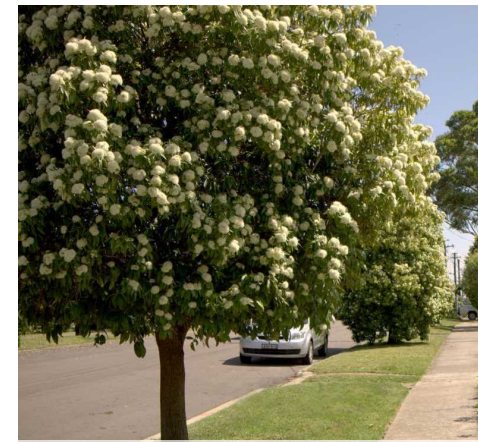
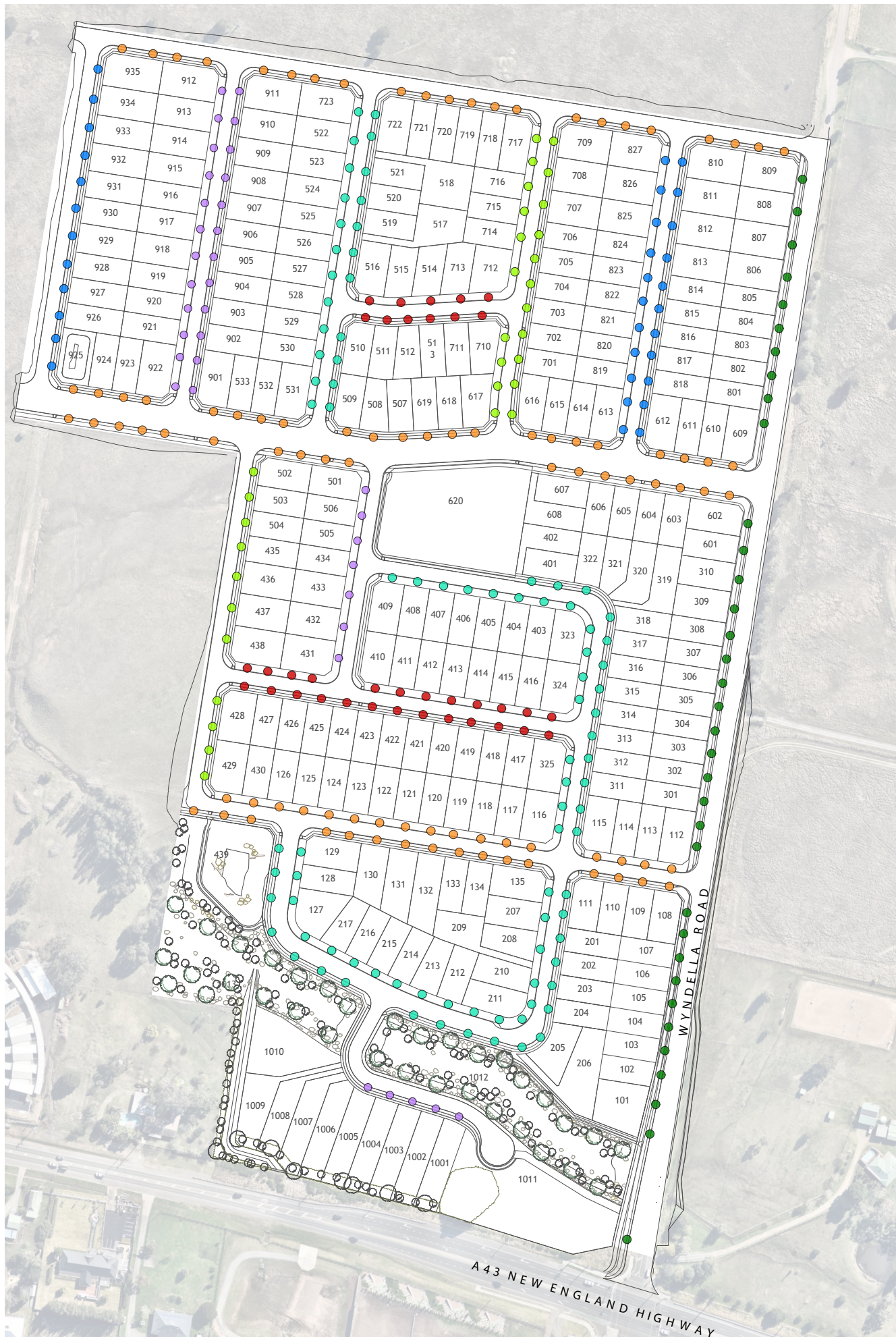
PROPOSED STREET TREES | L060

Wyndella Road Estate Subdivision

Street trees proposed to be all natives and as locally endemic as possible, primarily chosen from MCC-approved selection matrix. Subject to availability.

PROPOSED STREET TREES

ID	Botanical Name	Common Name	Potential Height	Potential Width	Scheduled Size
BC	<i>Backhousia citriodora</i>	Lemon Scented Myrtle	8m	8m	75L
CvK	<i>Callistemon viminalis</i> 'Kings Park Special'	Weeping Bottlebrush- variety	5m	4m	75L
CeN	<i>Corymbia eximia</i> 'Nana'	Dwarf Yellow Bloodwood	8m	3.5m	75L
CFF	<i>Corymbia ficifolia</i> 'Fairy Floss'	Pink Flowering gum	5m	3m	75L
Ca	<i>Cupaniopsis anacardioides</i>	Tuckeroo	8m	4m	75L
TI	<i>Tristaniopsis laurina</i>	Water Gum	8m	4m	75L
Wf	<i>Waterhousia floribunda</i>	Weeping Lilly Pilly	10m	4.5m	75L



Backhousia citriodora - Lemon Myrtle



Corymbia ficifolia 'Fairy Floss' - Pink Flowering Gum



Corymbia eximia 'Nana' - Dwarf Yellow Bloodwood



Waterhousia floribunda - Weeping Lilly Pilly



Tristaniopsis laurina - Water Gum



Cupaniopsis anacardioides - Tuckeroo



Callistemon viminalis 'Kings Park Special' - Weeping Bottlebrush

G 14/4/23 LOT NUMBERS REVISED
F 8/3/23 revisions to client comment
REV DATE COMMENTS

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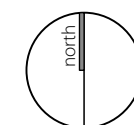
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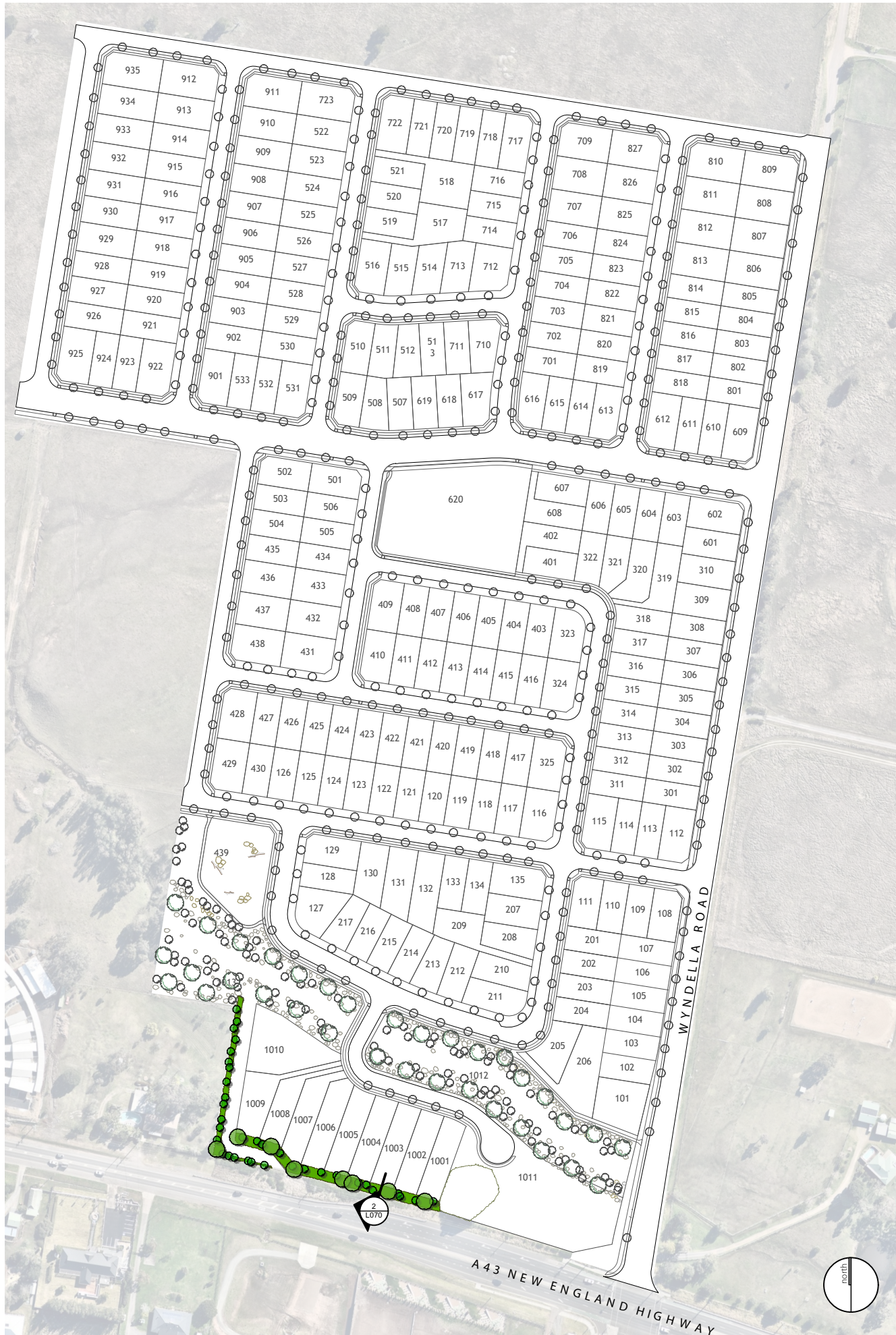


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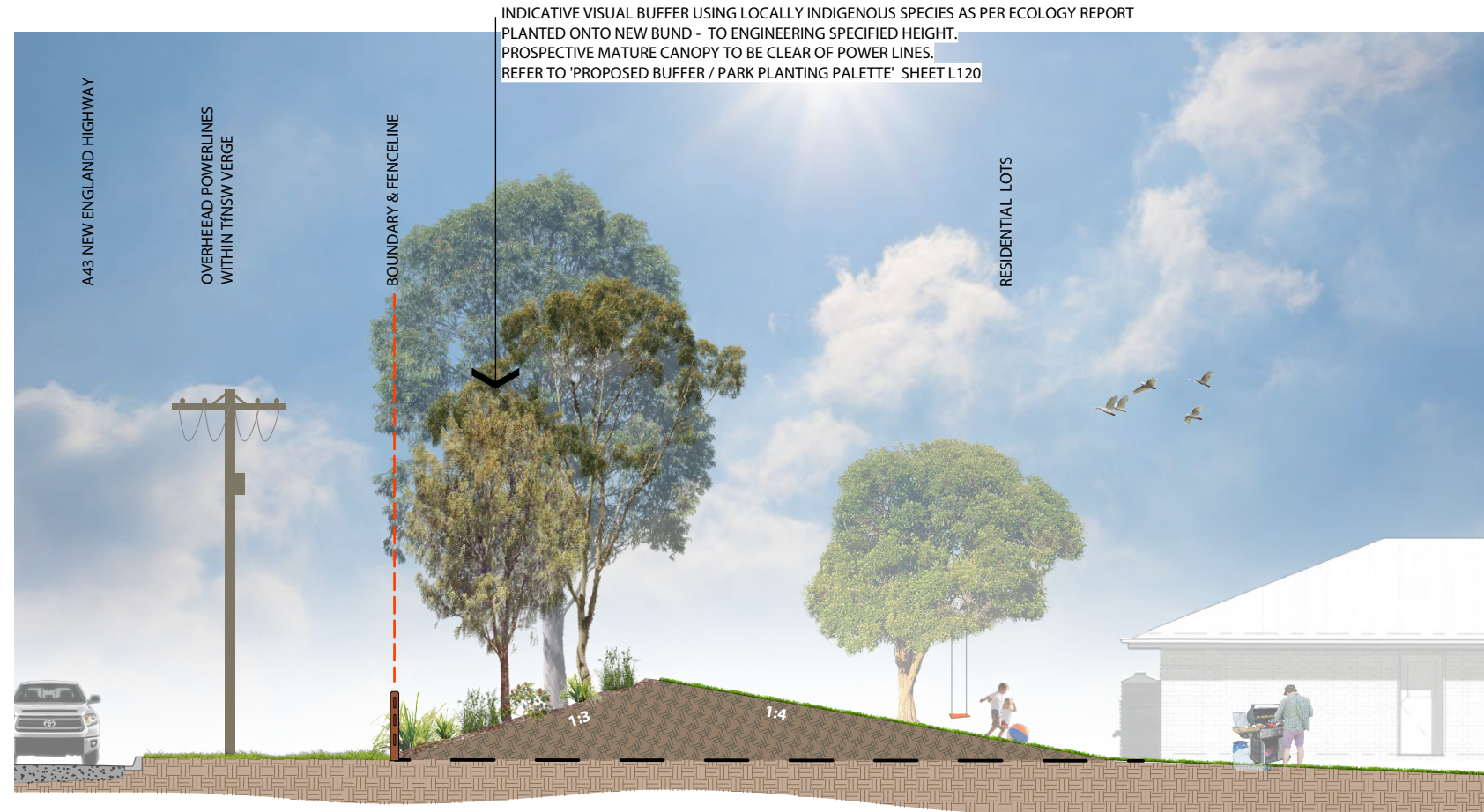
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PROPOSED BUFFER ZONE | L070

Wyndella Road Estate Subdivision



1 PROPOSED STREET TREE PLAN
L070 Scale: 1:3000



2 INDICATIVE SECTION THROUGH HIGHWAY BUFFER
L070 Scale: 1:150



INDICATIVE RURAL-STYLE FENCING ALONG BOUNDARY: TO MAITLAND DCP

H	14/4/23	batter annotations changed
G	14/4/23	BATTER & LOT NUMBER CHANGES
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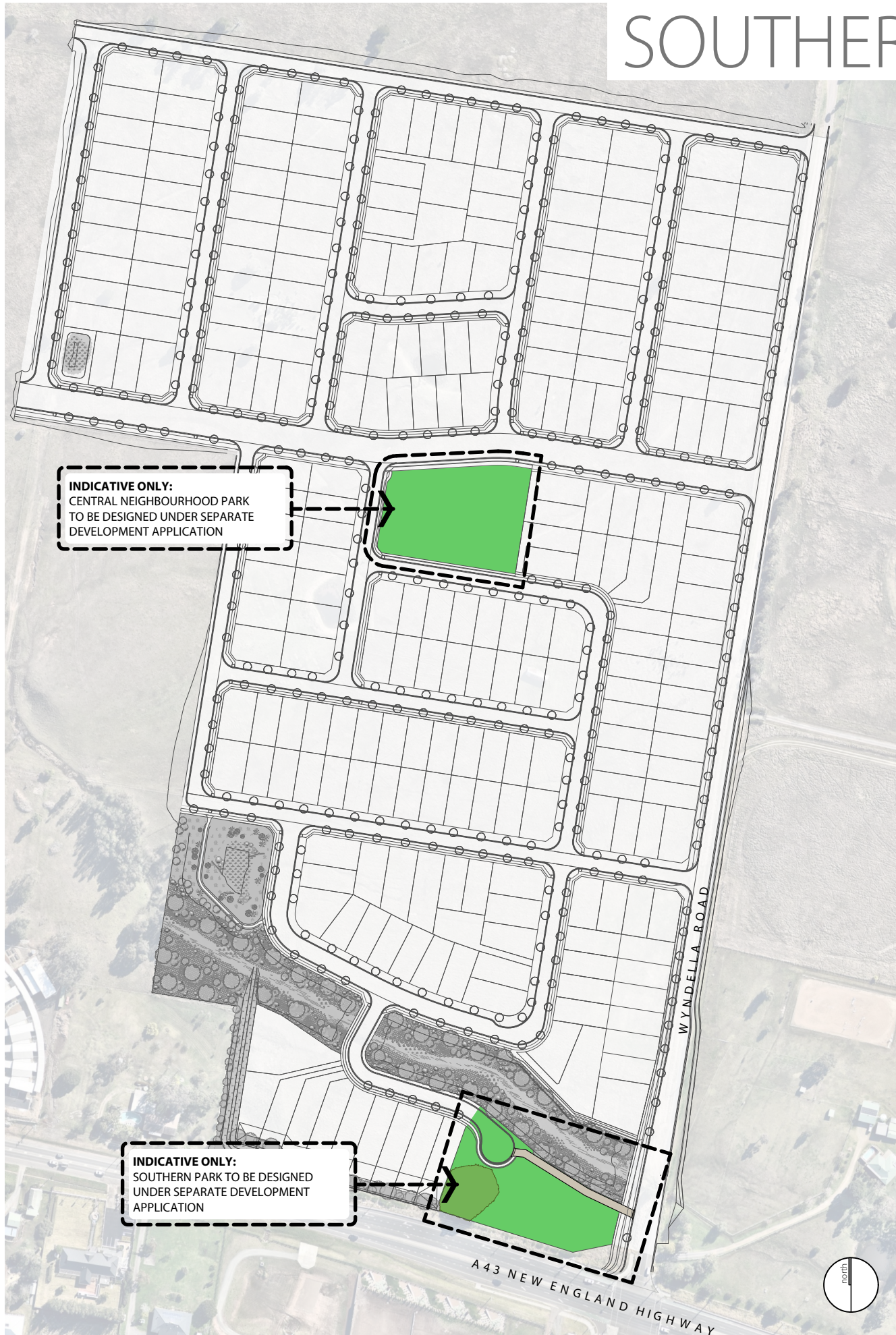
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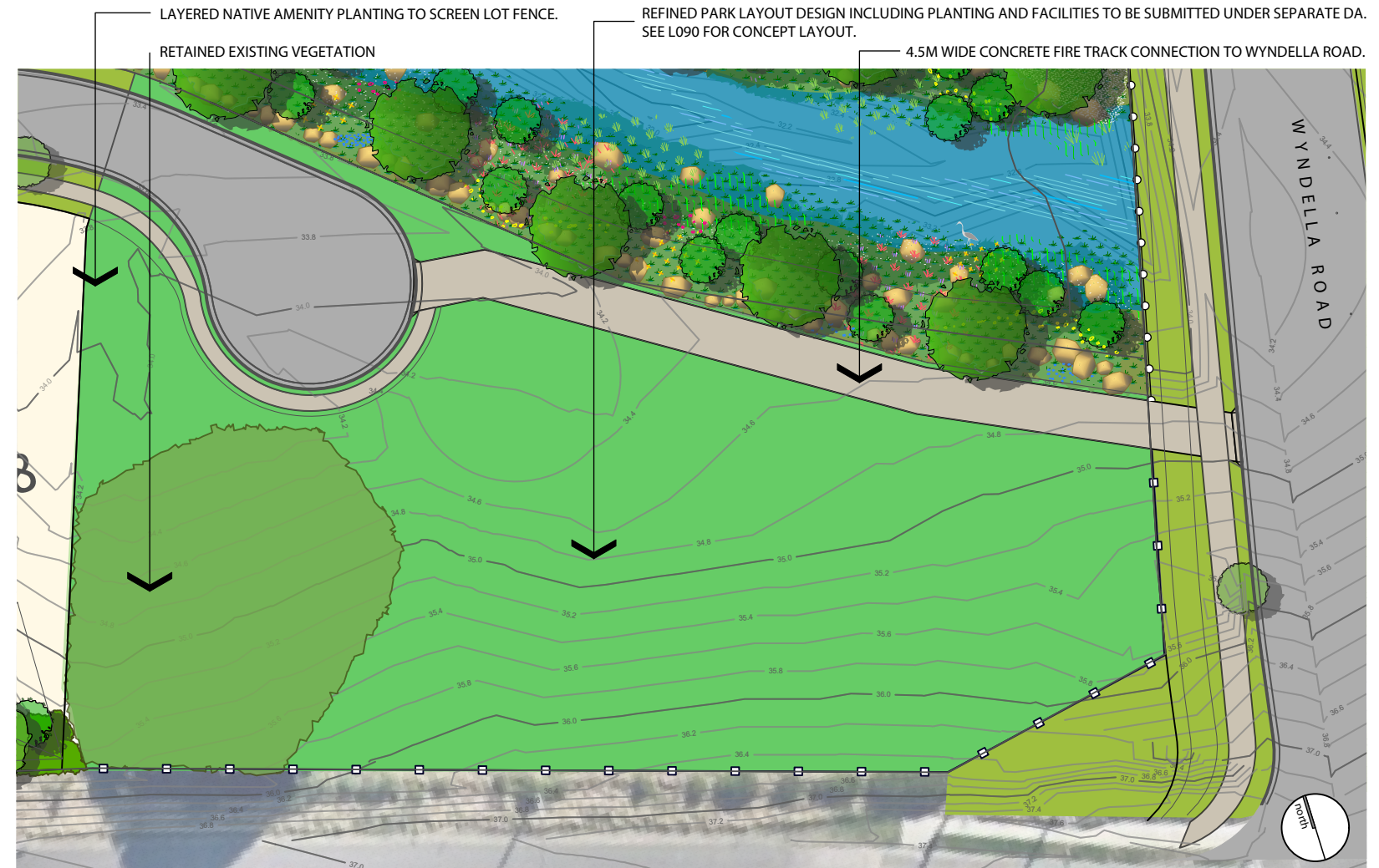
JOB NUMBER: 14503.5 DA L070 H PHASE: DWG No: REV:

SOUTHERN PARKLAND ESTABLISHMENT | L080

Wyndella Road Estate Subdivision



1 PROPOSED PARK LOCATIONS
L080 Scale: 1:3000



2 PROPOSED PARKLAND ESTABLISHMENT PHASE ADJACENT HIGHWAY
L080 Scale: 1:600

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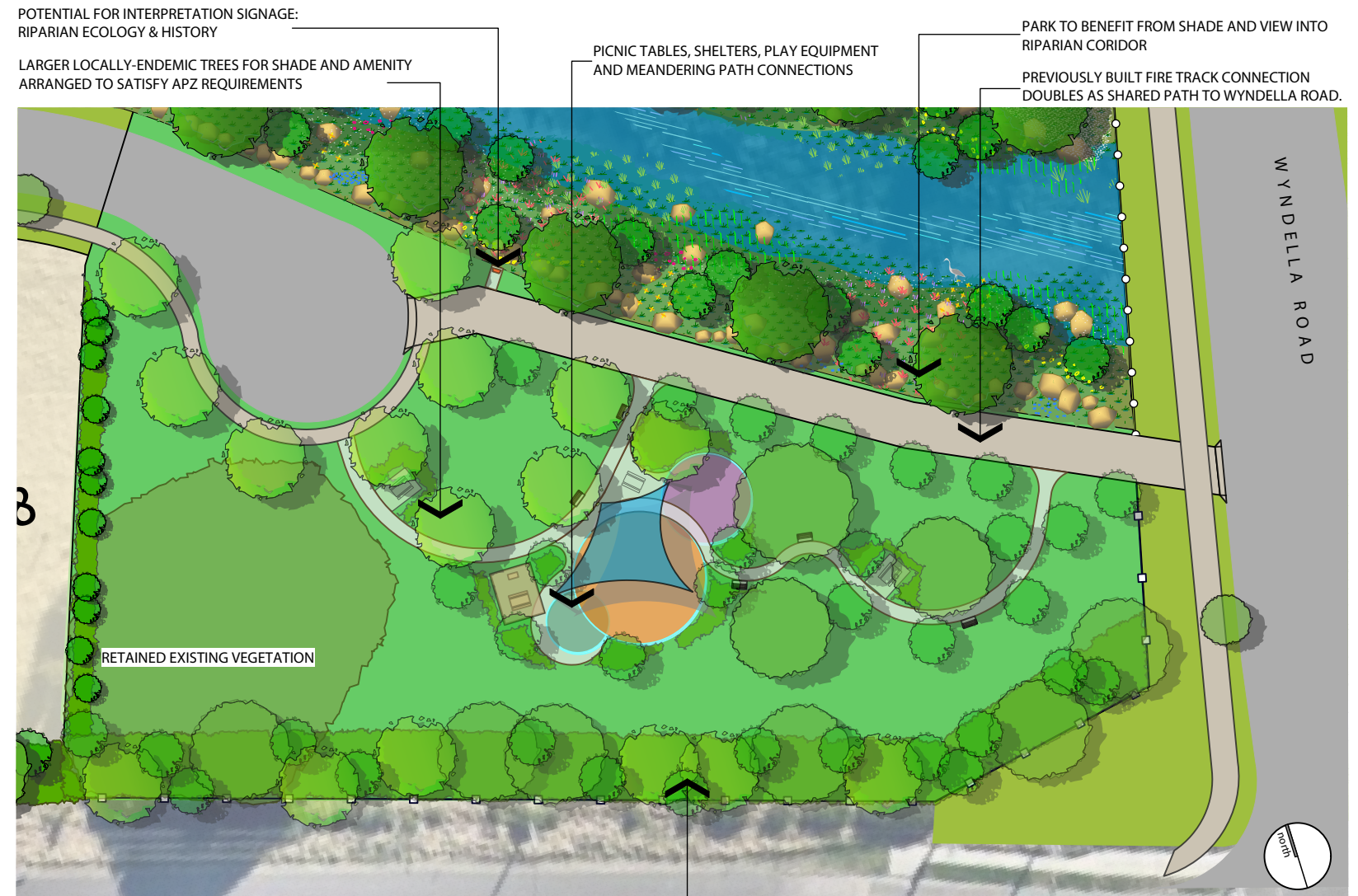
REFER TO:
'PROPOSED BUFFER / PARK PLANTING PALETTE'
SHEET L110

SOUTHERN PARKLAND CONCEPT | L090

Wyndella Road Estate Subdivision



4 PROPOSED PARK LOCATIONS
L090 Scale: 1:3000



5 PROPOSED PARKLAND AT HIGHWAY
L090 Scale: 1:600



6 INDICATIVE SECTION THROUGH HIGHWAY BUFFER PLANTING
L090 Scale: 1:200

REFER TO:
'PROPOSED BUFFER / PARK PLANTING PALETTE'
SHEET L120

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WATER QUALITY AND RIPARIAN ZONE | L100

Wyndella Road Estate Subdivision

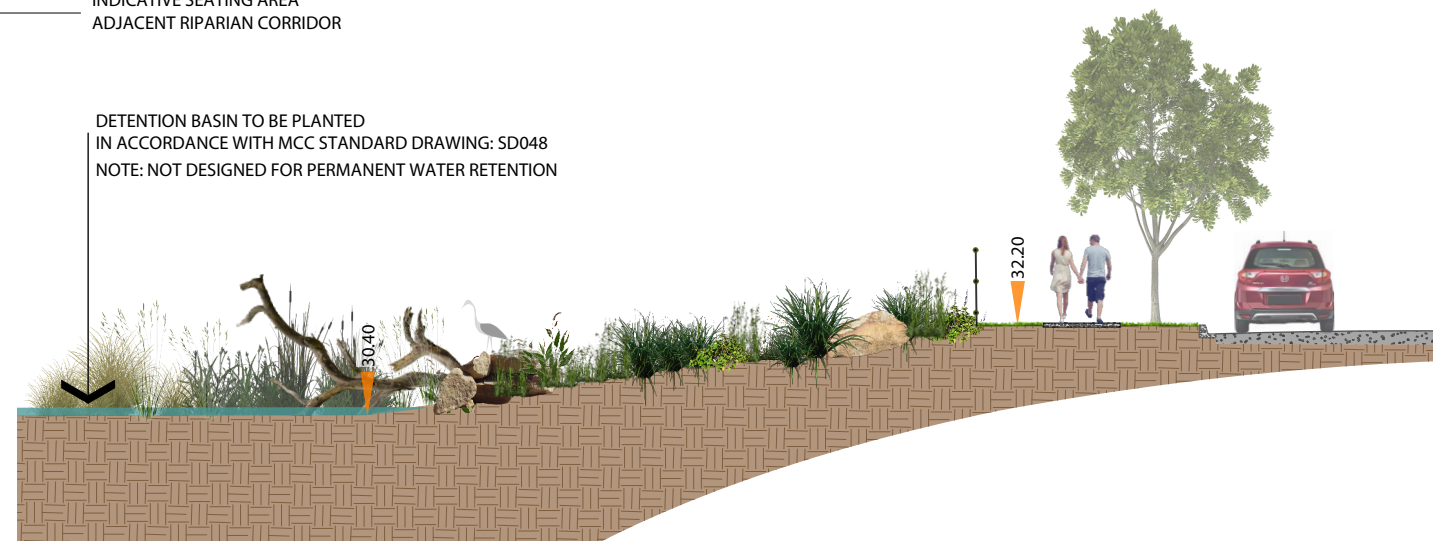


2 INDICATIVE RIPARIAN SECTION
L100 Scale: 1:150



INDICATIVE SEATING AREA
ADJACENT RIPARIAN CORRIDOR

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



3 STORMWATER DETENTION BASIN- INDICATIVE PARTIAL SECTION
L100 Scale: 1:150

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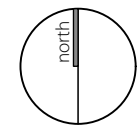
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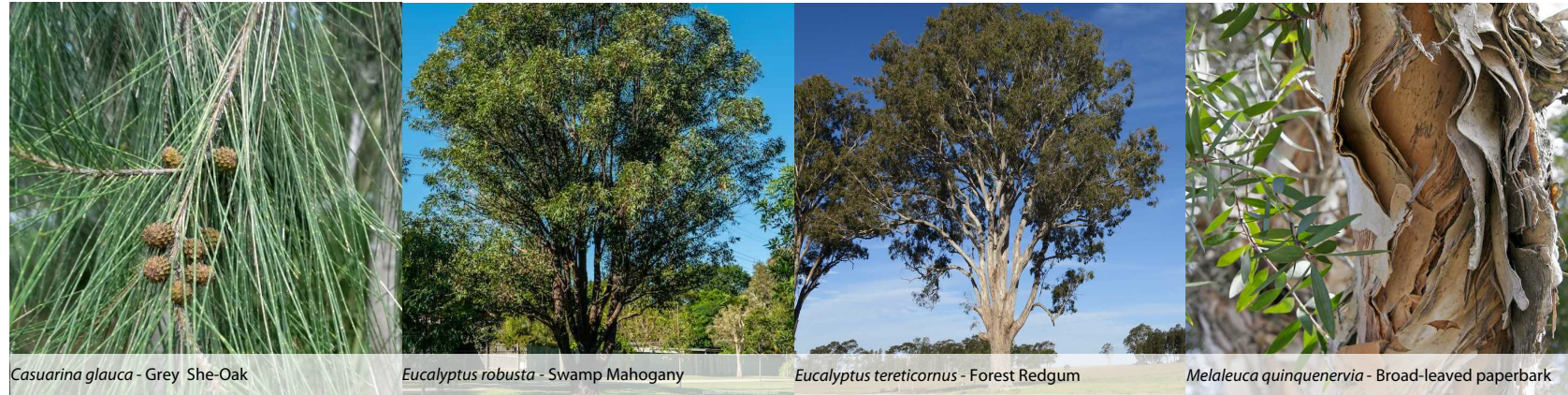
JOB NUMBER: 14503.5 PHASE: DA DWG No: L100 REV: G

1 DETENTION BASIN AND RIPARIAN ZONE PLAN
L100 Scale: 1:3000



PROPOSED RIPARIAN PLANTING PALETTE | L110

Wyndella Road Estate Subdivision



Casuarina glauca - Grey She-Oak *Eucalyptus robusta* - Swamp Mahogany *Eucalyptus tereticornis* - Forest Redgum *Melaleuca quinquenervia* - Broad-leaved paperbark

Tall canopy species to be spaced in groups avoiding extended interlocking canopies at maturity.

Mid-level shrubs typically present in this PCT, primarily *Melaleuca* (Tea Tree) species, have not been selected so as to comply with general APZ recommendations in avoiding ground-canopy bridging risk.

PROPOSED RIPARIAN TREES

ID	Botanical Name	Common Name	Potential Height	Potential Width	Scheduled Size
CaGl	<i>Casuarina glauca</i>	Grey (Swamp) She-oak	10 - 15m	3.5 - 6m	25L
EuRo	<i>Eucalyptus robusta</i>	Swamp Mahogany	25 - 30m	3.5 - 6m	25L
EuTe	<i>Eucalyptus tereticornis</i>	Forest Red Gum	over 30m	6 - 10m	25L
MelQui	<i>Melaleuca quinquenervia</i>	Broad-leaved Paperbark	10 - 15m	10 - 15m	25L

PROPOSED RIPARIAN UNDERPLANTING / MARGINALS

ID	Botanical Name	Common Name	Potential Height	Potential Width	Scheduled Size
AlDe	<i>Alternanthera denticulata</i>	Lesser Joyweed	0.3 - 0.45m	0.3 - 0.6m	150mm
Blin	<i>Blechnum indicum</i>	Swamp Water Fern	0.9 - 1.5m	0.9 - 1.2m	200mm
CaAp	<i>Carex appressa</i>	Tall Sedge	0.9 - 1.5m	0.3 - 0.6m	150mm
CoCy	<i>Commelina cyanea</i>	Scurvy Weed	0.0 - 0.3m	0.9 - 1.2m	50mm
DiCa	<i>Dianella caerulea</i>	Blue Flax Lily	0.7m	0.7m	150mm
GaCl	<i>Gahnia clarkei</i>	Saw Sedge	1.5 - 3m	0.9 - 1.2m	150mm
HyMu	<i>Hypolepis muelleri</i>	Harsh Ground Fern	0.9 - 1.5m	0.3 - 0.6m	150mm
JuUs	<i>Juncus usitatus</i>	Common Rush	0.9 - 1.5m	0.6 - 0.9m	150mm
Ll-1	<i>Lomandra longifolia</i>	Spiny-headed Mat-Rush	0.75 - 0.9m	0.9 - 1.2m	150mm
Oplm	<i>Oplismenus imbecillis</i>	Basket Grass	0.6 - 0.75m	0.0 - 0.3m	150mm
PaSt	<i>Parsonsia straminea</i>	Common Silkpod	over 30m	CLIMBER	150mm
PeDe	<i>Persicaria decipiens</i>	Slender Knotweed	0.0 - 0.3m	0.9 - 1.2m	150mm
PeHy	<i>Persicaria hydropiper</i>	Water Pepper	0.9 - 1.5m	0.0 - 0.3m	150mm
PI	<i>Persicaria lapathifolia</i>	Pale Persicaria	1.0 - 1.8m	0.8 - 1.2m	150mm
Rain	<i>Ranunculus inundatus</i>	River Buttercup	0.2 - 0.3m	Spreading	150mm
ViBa	<i>Viola banksii</i>	Native Violet	0.30 - 0.45m	0.6 - 0.9m	150mm

Plant selection based on PCT 1728 Swamp Oak Prickly Paperbark- Tall Sedge Swamp Forest on Coastal Lowlands of the Central Coast and Lower North Coast.

Detention basins to be planted in accordance with MCC Standard Drawing: SD048



Alternanthera denticulata - Lesser Joyweed *Blechnum indicum* - Swamp Water Fern *Commelina cyanea* - Scurvy Weed *Dianella caerulea* - Blue Flax Lily *Gahnia clarkei* - Saw Sedge *Hypolepis muelleri* - Harsh Ground Fern

Juncus usitatus - Common Rush *Oplismenus imbecillis* - Basket Grass *Parsonsia straminea* - Common Silkpod *Persicaria hydropiper* - Water Pepper *Ranunculus inundatus* - River Buttercup *Viola banksii* - Native Violet

Lower-flammability understorey to control erosion, provide indigenous biodiversity and allows periodic slash-management.

G 14/4/23 LOT NUMBERS REVISED
F 8/3/23 revisions to client comment
REV DATE COMMENTS

PROJECT:
Wyndella Road Estate Subdivision

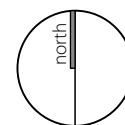
SITE:
Corner of New England Highway & Wyndella Road, Lochinvar

CLIENT:
Lochinvar Developments Ltd.

14503.5-wyndella road_DA_Gvwv 14/4/23

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JOB NUMBER: PHASE: DWG No: REV:
14503.5 DA L110 G



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PROPOSED BUFFER / PARK PLANTING PALETTE | L120

Wyndella Road Estate Subdivision



Allocasuarina littoralis - Black She Oak *Allocasuarina torulosa* - Forest Oak *Angophora costata* - Smooth-barked Apple *Corymbia gummifera* - Red Bloodwood



Corymbia maculata - Spotted Gum *Eucalyptus fibrosa* - Red Ironbark *Eucalyptus globoidea* - White Stringybark *Eucalyptus umbra* - Broad-leaved White Mahogany



Acacia falcata - Sickle Wattle *Bursaria spinosa* - Sweet Bursaria *Dillwynia retorta ssp. retorta* - Heathy Parrot Pea *Glycine clandestina* - Love Creeper *Hardenbergia violacea* - False Sarsaparilla *Hibbertia aspera* - Rough Guinea Flower



Imperata cylindrica - Blady Grass *Joycea pallida* - Red Anther Wallaby Grass *Leucopogon juniperinus* - Prickly Bearded Heath *Melaleuca decora* - White Feather Honeymyrtle *Pultenaea euchila* - Orange Pultenaea *Themeda australis/triandra* - Kangaroo Grass

PROPOSED BUFFER & PARK TREES

ID	Botanical Name	Common Name	Potential Height	Potential Width	Scheduled Size
ALi	<i>Allocasuarina littoralis</i>	Black She Oak	5 - 10m	2.0 - 3.5m	25L
ALTo	<i>Allocasuarina torulosa</i>	Forest Oak	5 - 10m	3.5 - 6m	25L
AnCo	<i>Angophora costata</i>	Smooth-barked Apple	15 - 20m	6 - 10m	25L
Cog	<i>Corymbia gummifera</i>	Red Bloodwood	20 - 30m	6 - 10m	25L
Cm	<i>Corymbia maculata</i>	Spotted Gum	20 - 30m	6 - 10m	25L
EuFi	<i>Eucalyptus fibrosa</i>	Red Ironbark	over 30m	6 - 10m	25L
EuGl	<i>Eucalyptus globoidea</i>	White Stringybark	25 - 30m	3.5 - 6m	25L
EuUm	<i>Eucalyptus umbra</i>	Broad-leaved White Mahogany	5 - 10m	6 - 10m	25L

PROPOSED BUFFER & PARK UNDERPLANTINGS

ID	Botanical Name	Common Name	Potential Height	Potential Width	Scheduled Size
AcFa	<i>Acacia falcata</i>	Sickle Wattle	3 - 5m	1.2 - 2.0m	200mm
Aul	<i>Acacia ulcifolia</i>	Juniper Wattle	1.50 - 3m	1.50 - 3m	200mm
BuSp	<i>Bursaria spinosa</i>	Sweet Bursaria	5 - 10m	0.3 - 0.6m	200mm
DiCa	<i>Dianella caerulea</i>	Blue Flax Lily	0,7m	0,7m	150mm
DiReSp	<i>Dillwynia retorta ssp. retorta</i>	Heathy Parrot Pea	0.9 - 1.5m	0.9 - 1.2m	200mm
GICl	<i>Glycine clandestina</i>	Love Creeper	1.5 - 3m	0.0 - 0.3m	150mm
HaVi	<i>Hardenbergia violacea</i>	False Sarsaparilla	0.75 - 0.9m	1.2 - 2.0m	150mm
HiAs	<i>Hibbertia aspera</i>	Rough Guinea Flower	0.45 - 0.60m	1.2 - 2.0m	200mm
Hp	<i>Hibbertia pedunculata</i>	Guinea Flower	0.5m	1m	200mm
ImCy	<i>Imperata cylindrica</i>	Blady Grass	0.9 - 1.5m	0.3 - 0.6m	150mm
JoPa	<i>Joycea pallida</i>	Red Anther Wallaby Grass	0.9 - 1.5m	0.6 - 0.9m	150mm
LePo	<i>Leptospermum polygalifolium</i>	Lemon-Scented Tea Tree	1.5 - 3m	3.5 - 6m	200mm
LeJu	<i>Leucopogon juniperinus</i>	Prickly Bearded Heath	0.9 - 1.5m	0.0 - 0.3m	200mm
Ll	<i>Lomandra longifolia</i>	Spiny-headed Mat-Rush	0.75 - 0.9m	0.9 - 1.2m	150mm
MeDe	<i>Melaleuca decora</i>	White Feather Honeymyrtle	10 - 15m	6 - 10m	200mm
Pe	<i>Pultenaea euchila</i>	Orange Pultenaea	1.5 - 3m	1.2 - 2.5m	150mm
Thtr	<i>Themeda australis/triandra</i>	Kangaroo Grass	0.9 - 1.5m	0.3 - 0.6m	150mm

G 14/4/23 LOT NUMBERS REVISED
F 8/3/23 revisions to client comment
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PROJECT:
Wyndella Road Estate Subdivision

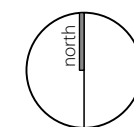
SITE:
Corner of New England Highway & Wyndella Road, Lochinvar

CLIENT:
Lochinvar Developments Ltd.

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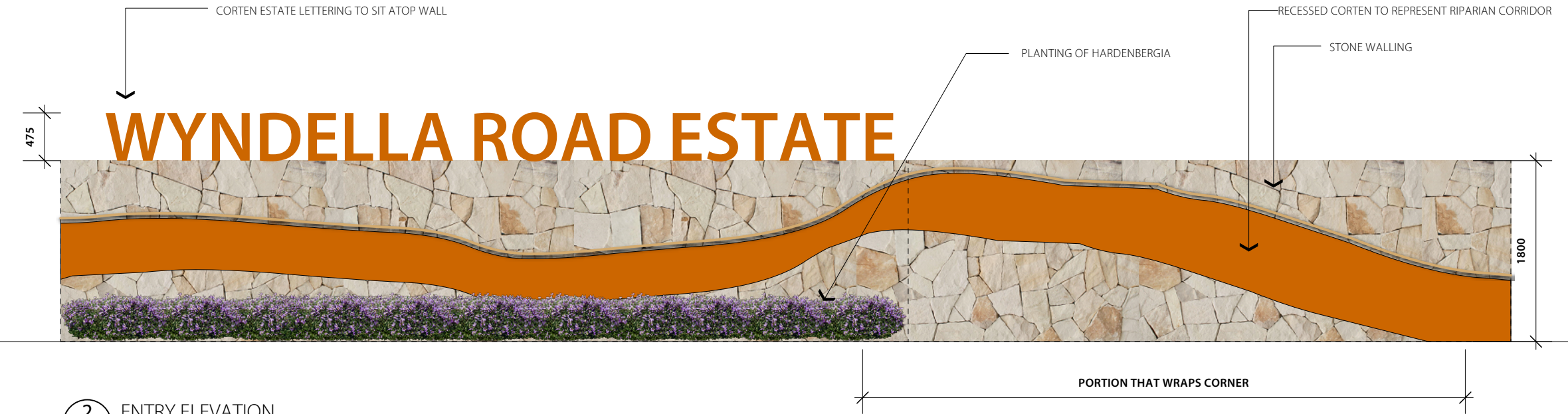


Plant selection based on PCT1592 Spotted Gum - Red Ironbark - Grey Gum shrub - grass open forest of the Lower Hunter.

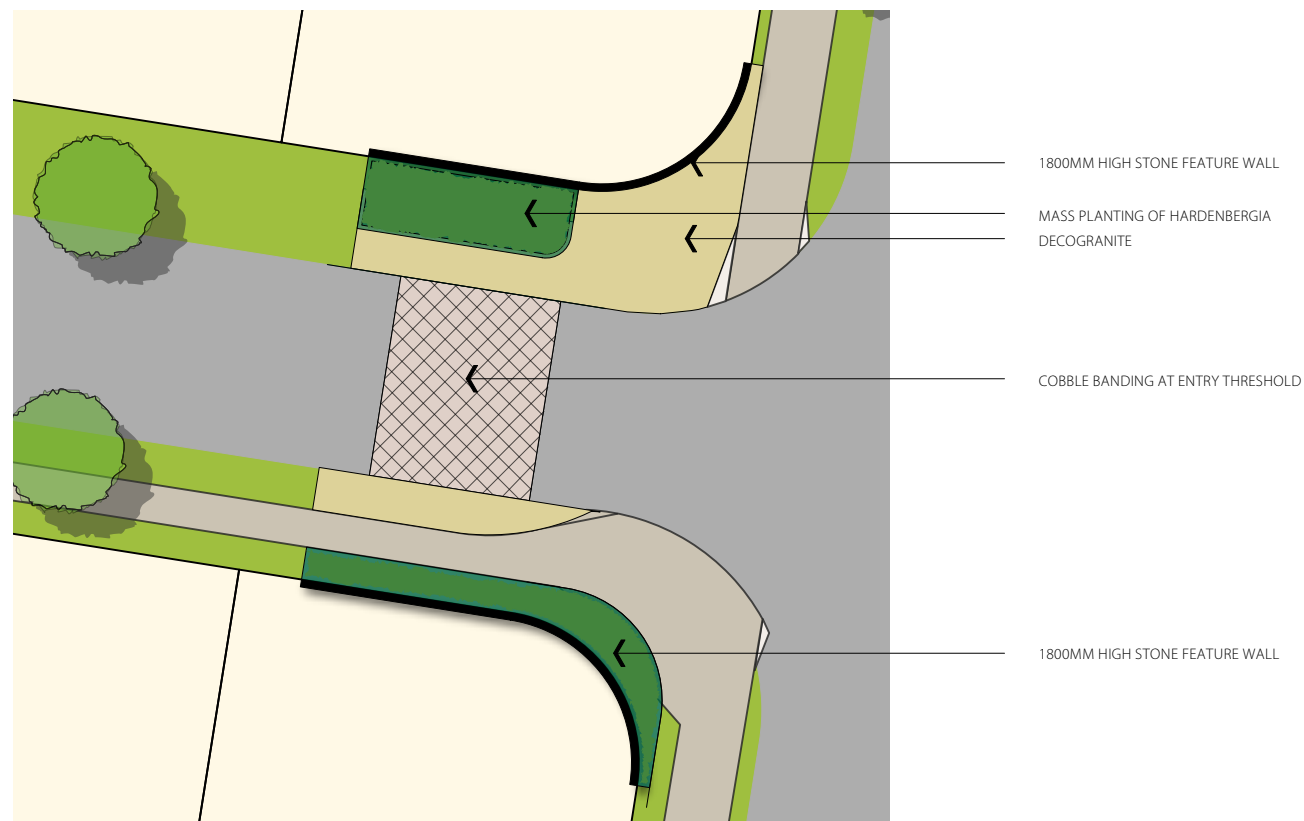
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CONCEPT ENTRY FEATURE | L130

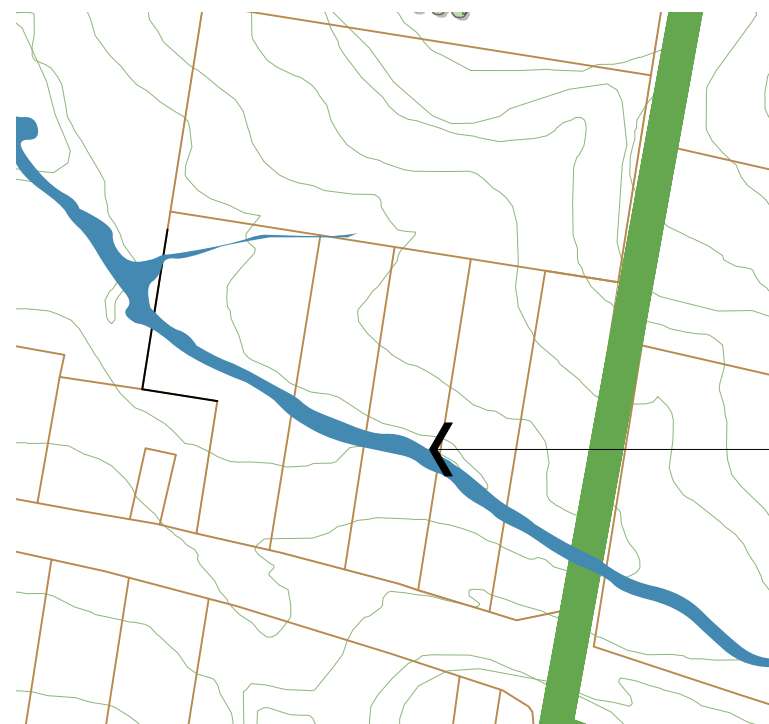
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2 ENTRY ELEVATION
L130 Scale: 1:50



1 ENTRY PLAN
L130 Scale: 1:300



3 SITE CONTEXT
L130 Scale: 1:5000

E	8/3/23	revisions to client comment
D	1/3/23	DA ISSUE
REV	DATE	COMMENTS

PROJECT:
Wyndella Road Estate Subdivision

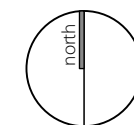
SITE:
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MATERIALS PALETTE | L140

Wyndella Road Estate Subdivision



CONCEPT: SIGNAGE / ENTRY FEATURE:
CORTEN AND FEATURE STONE WALL



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



CONCEPT: PARK FURNITURE AND SHELTERS
HARDWOOD AND STEEL



REV	DATE	COMMENTS
E	8/3/23	revisions to client comment
D	1/3/23	DA ISSUE

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JOB NUMBER: 14503.5 DA L140 E PHASE: DWG No: REV:

