

1 December 2021

Our ref: 17720

Frasers Property Australia
Level 2, 1C Homebush Bay Drive, Rhodes NSW 2138

Attention: Chris Koukoutaris

Dear Chris,

Tree removal – Lyonpark Road Bridge

Eco Logical Australia (ELA) understands that Frasers Property Australia seek advice relating to the removal of an additional three trees on the Ivanhoe Estate site.

ELA prepared the Arboricultural Impact Assessment (February 2020) submitted with SSD 8707 Ivanhoe Estate Redevelopment – Concept. Condition A16 of the consent allowed for tree removal in accordance with Table 3 and drawings in Appendix C contained in the Arboricultural Impact Assessment.

The Stage 1 DA (SSDA 8903) subsequently included Condition B103 to widen the northern verge of the bridge joining to Lyonpark Road. Design drawings prepared by ADW Johnson show that two trees (921 and 922 in the Arboricultural Impact Assessment) proposed for retention require removal. These are shown on the attached drawing (dwg ref 300001-ESK-213).

A third tree (942) will also need to be removed due to construction of a stormwater outlet.

Table 1 Trees to be removed

Tree ID	Species	Height (m)	Diameter at Breast Height (m)
921	<i>Angophora costata</i>	13	0.35
922	<i>Angophora costata</i>	13	0.25
942	<i>Corymbia maculata</i>	10	0.40

The Arboricultural Impact Assessment (ELA, September 2018, section 5.1) acknowledged that there may be cases where detailed root investigation may be required if an impact to a Tree Protection Zone were to exceed 10% Impact. Given trees 921, 922 and 942 will have significant impact to their Tree Protection Zone, including their Structural Root Zone, detailed root investigations will not be able to demonstrate that these trees can be retained.

The above would increase tree removal from 853 to 856. ADW Johnson has however identified that two trees (960 and 961) previously approved for removal no longer require removal, meaning there is a net change of -1 trees. Given the Arboricultural Impact Assessment was based on Concept drawings, it is understandable that minor changes such as this are possible.

Table 2 Additional to be retained

Tree ID	Species	Height (m)	Diametre at Breast Height (m)
960	<i>Casurina cunninghamiana</i>	15	0.25
961	<i>Casurina cunninghamiana</i>	15	0.4

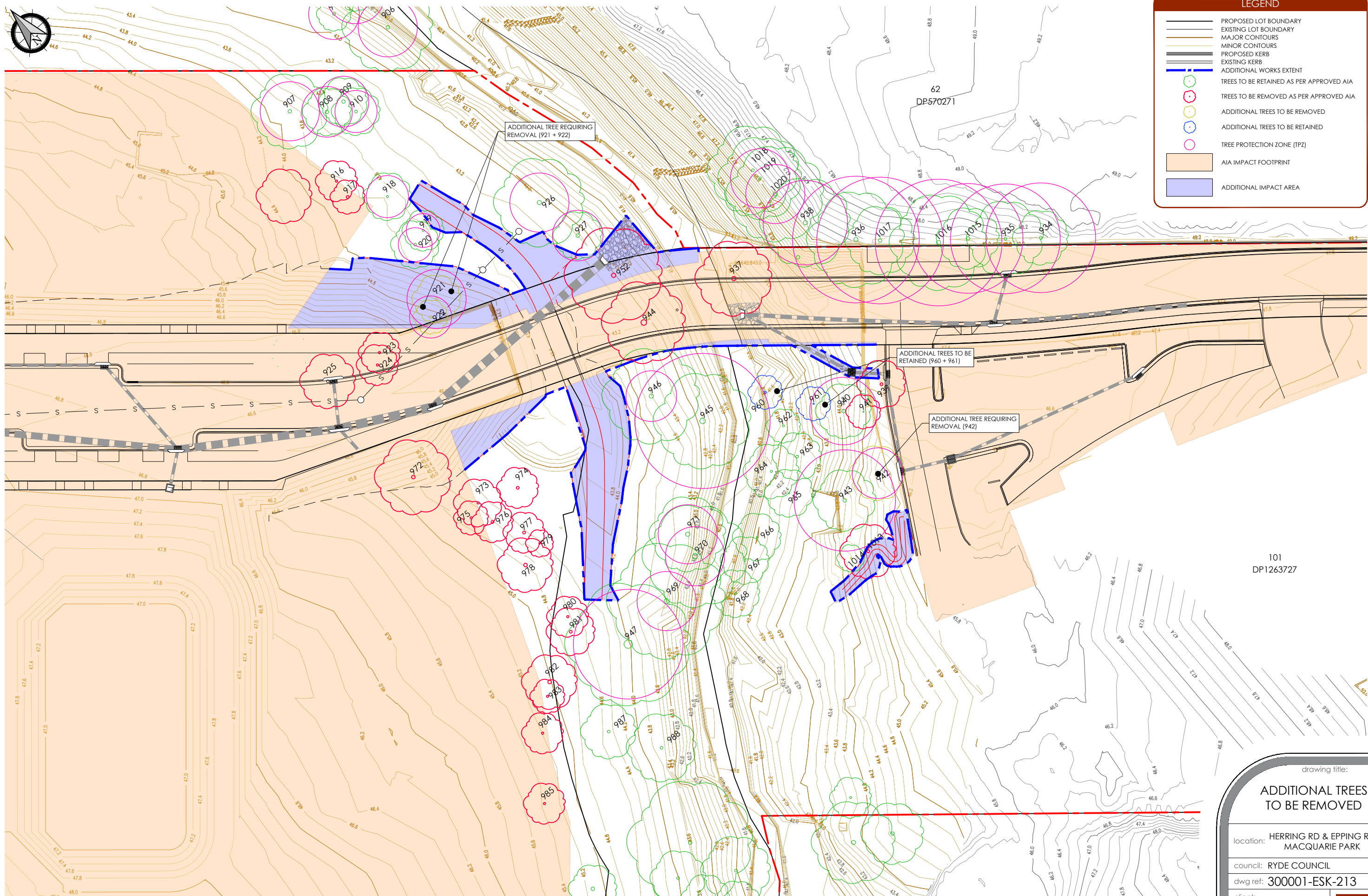
ELA also provided a biodiversity assessment of the Concept Plan. In our opinion, the removal of the three additional trees will not significantly alter the conclusions of the biodiversity assessment or the offset measures required. The trees are located in close proximity to the riparian zone which will be subject to revegetation and landscape works. The net impact of one additional tree being removed (after two others are retained) represents an increase of 0.1%, which is considered negligible and in keeping with the previously approved assessment.

If you require further advice, please contact me on 0405 910 839.

Regards,



Dave Bonjer
Principal Planning Consultant / Sydney Office Manager



TREE RETENTION PLAN
SCALE 1:250

ver.	date	comment	drawn	pm	level information	scale (A1 original size)	notes
C	19.10.2021	AMENDED DESIGN	JJ	BM	DATUM: N/A CONTOUR INTERVAL: 0.2m	A1 1:250 0 5.0 10.0 12.5m A3 1:500	

- LEGEND
- PROPOSED LOT BOUNDARY
 - EXISTING LOT BOUNDARY
 - MAJOR CONTOURS
 - MINOR CONTOURS
 - PROPOSED KERB
 - EXISTING KERB
 - ADDITIONAL WORKS EXTENT
 - TREES TO BE RETAINED AS PER APPROVED AIA
 - TREES TO BE REMOVED AS PER APPROVED AIA
 - ADDITIONAL TREES TO BE REMOVED
 - ADDITIONAL TREES TO BE RETAINED
 - TREE PROTECTION ZONE (TPZ)
 - AIA IMPACT FOOTPRINT
 - ADDITIONAL IMPACT AREA

101
DPI263727

drawing title:
**ADDITIONAL TREES
TO BE REMOVED**

location: HERRING RD & EPPING RD
MACQUARIE PARK

council: RYDE COUNCIL

dwg ref: 300001-ESK-213

client:



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hunter office ph: (02) 4978 5100
sydney office ph: (02) 8046 7411