

**LEGEND**

[Pink dashed line]	BOUNDARY
[Grey box]	EXISTING SPOT LEVELS
[Circle with 33.32]	PROPOSED SPOT LEVELS
[Blue dashed line]	EXTENT OF NEW WORKS
[Blue line]	ALUMINIUM EDGE
[Blue shaded area]	ACOUSTIC BARRIER
[Grey hatched area]	CONCRETE
[Black hatched area]	ASPHALT
[Green hatched area]	MULCH
[Green dotted area]	TURF
[Green circle]	TREE TO BE RETAINED
[Red circle]	TREE TO BE REMOVED REFER TO ARBORIST REPORT

**ACOUSTIC BARRIER / FENCE**

The fencing along the northern and part of the eastern boundary of Federal Parade comprises a brick fence which is proposed to be repaired. The brickwork will also be increased in height to accord with the recommendations of the Acoustic Report.

Other boundary fencing will be required to be replaced with an acoustic barrier that satisfies the recommendations of the acoustic consultant. The front fence will comprise a metal palisade fence to match the existing fencing around the main College campus. A sliding gate will be provided at the front entry.

The proposed 1.8m high acoustic barriers to adjoining residential boundaries and impacts of the use of these areas as at-grade car parks have been assessed as being within acceptable limits.

The 1.8m high acoustic barriers will also provide privacy to the adjoining dwellings. Landscaping elements proposed will also assist with providing visual screening.

The acoustic barriers are to be minimum 1.8m in height and all gaps are to be minimised and are to comprise a material and constructed to have a minimum surface density of 16kg/m2 to be consistent with the Acoustic Report.

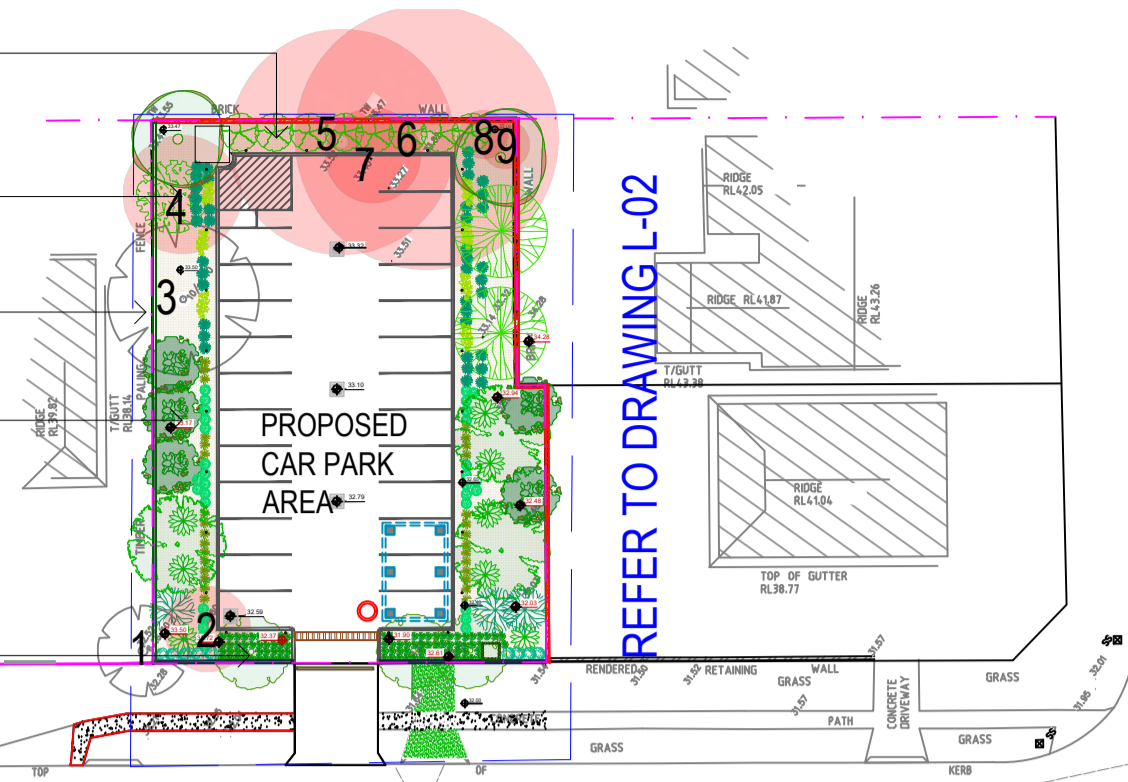
Screen planting

Trees to be removed  
Refer to Arborist Report

Existing tree to be retained

Feature trees to enhance on-site amenity and buffer between adjoining sites

Feature trees with low underplanting to maintain site lines



EXISTING TREE SCHEDULE					
KEY	BOTANICAL NAME <b>THIS NAME IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT PERMIT 1/2567</b>	DBH (mm)	Height (m)	Canopy Spread Radius (m)	Status
1.	CUPRESSUS SEMPERVERENS	650	18	12	RETAIN
2.	CITHAREXYLUM SPINOSUM	350,350,400	9	6	REMOVE
3.	LOPHOSTEMON COMPTONII	400	12	9	RETAIN
4.	FICUS BENJAMINA	250	7	8	REMOVE
5.	EUCALYPTUS SALIGNA	850	23	16	REMOVE
6.	EUCALYPTUS SALIGNA	1150	25	18	REMOVE
7.	ARCHONTOPHOENIX CUNNINGHAMIANA	250	6	4	REMOVE
8.	ARCHONTOPHOENIX CUNNINGHAMIANA	250	3	3	REMOVE
9.	ARCHONTOPHOENIX CUNNINGHAMIANA	300	5	4	REMOVE

**LANDSCAPE DESIGN INTENT**

The main objective of the landscape is to provide shade and improve the visual amenity of the car park and streetscape.

Car park trees have been carefully considered and based on their ability to withstand compaction, suitable for their location and have reliable growth and perform well in an urban environment. The selection adheres to the principle of minimising water consumption by the use of low-water native plant species.

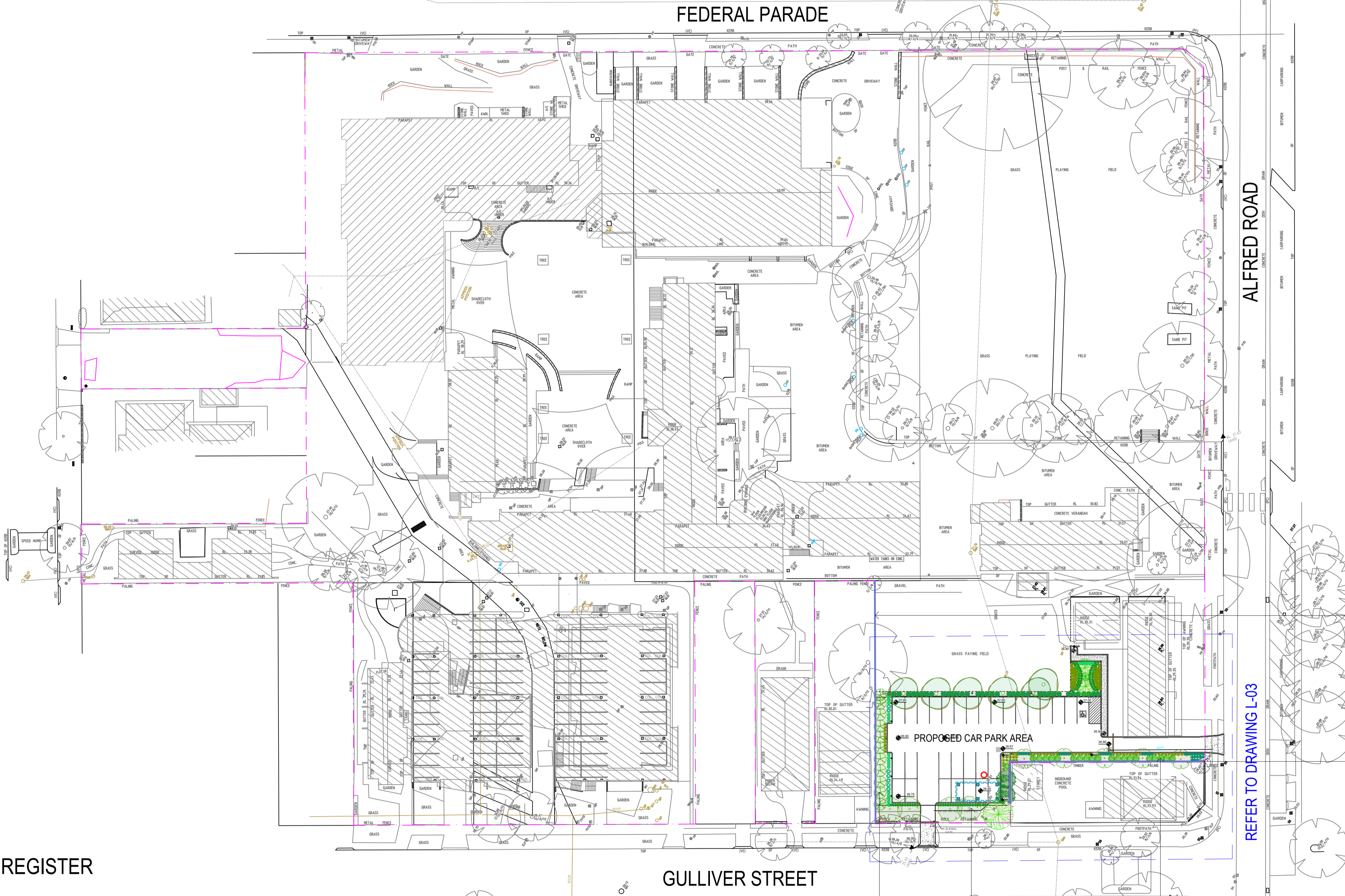
In adhering to design principles, consideration has been given to site specific conditions to determine individual tree's placements with underplanting of low grasses to ensure sight lines are maintained upon entering and exiting the car park. Landscape buffers have been provided alongside boundaries that adjoin residential lots.

The design increases the existing tree canopies for the sites providing shade and a more aesthetically pleasing streetscape. The streetscape treatment buffer contains a suitable combination of trees, shrubs and groundcovers to create visual diversity and enhance the streetscape character.

The species selection has been derived from the Northern Beaches Council native species list for Curl Curl Ward.

Water Sensitive Urban Design (WSUD) opportunities have been identified with the recommendation of permeable paving for the car park and pedestrian pathways.

The proposed landscape contributes to the development and will improve the site by providing increased amenities and by adding biodiversity with additional native canopy trees.



**LANDSCAPE DRAWING REGISTER**

DRAWING NO.	DRAWING TITLE
L-01	LANDSCAPE MASTER PLAN
L-02	LANDSCAPE PLAN - SHEET 1
L-03	LANDSCAPE PLAN - SHEET 2
L-04	LANDSCAPE DETAILS & SPECIFICATIONS
L-05	LANDSCAPE CALCULATIONS

Screen planting to provide buffers between adjoining sites

Feature trees to enhance on-site amenity and contribute to the streetscape

Screen planting to provide buffers between adjoining sites

**NOTES:**  
 1. Consider to check and verify all dimensions and all levels on site prior to any works.  
 2. Any discrepancies should be immediately referred to Space Landscape Designs.  
 3. All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.  
 4. Consents designed over existing. All measurements are in millimetres.

Rev.	Date	Issue	Checked
A	20/10/21	Preliminary Issue	CW
B	22/10/21	Preliminary Issue	CW
C	06/12/21	DA Issue	CW
D	12/02/22	DA Issue	CW
E	10/11/22	DA Issue	CW

Checked  
CW  
CW  
CW

**SPACE**  
LANDSCAPE DESIGNS

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 info@spacedesigns.com.au  
 spacedesigns.com.au  
 P 02 9905 7870 F 02 9905 7657  
 Suite 138, 117 Old Pittwater Rd.  
 Brookvale NSW 2100

PROJECT: Proposed Carpark  
 SITE ADDRESS: Federal Parade, Brookvale 2100

CLIENT: St Augustine's College  
 DRN: A.Elboz (A/LDM 625)  
 SCALE: 1:500@A1  
 PROJECT NO: 211930

DRAWING TITLE: LANDSCAPE MASTER PLAN  
 DRAWING NO: L-01  
 Rev. E



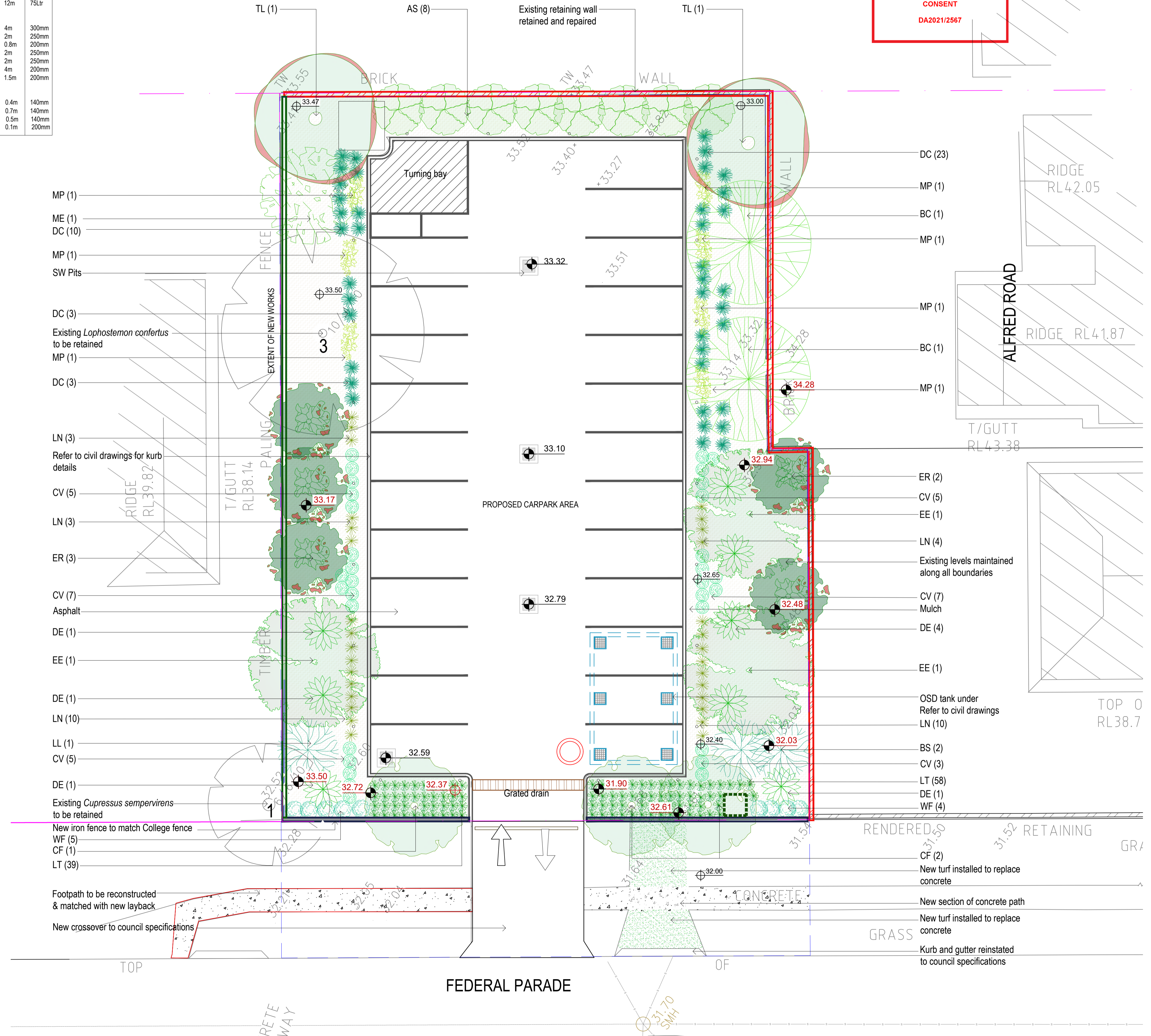
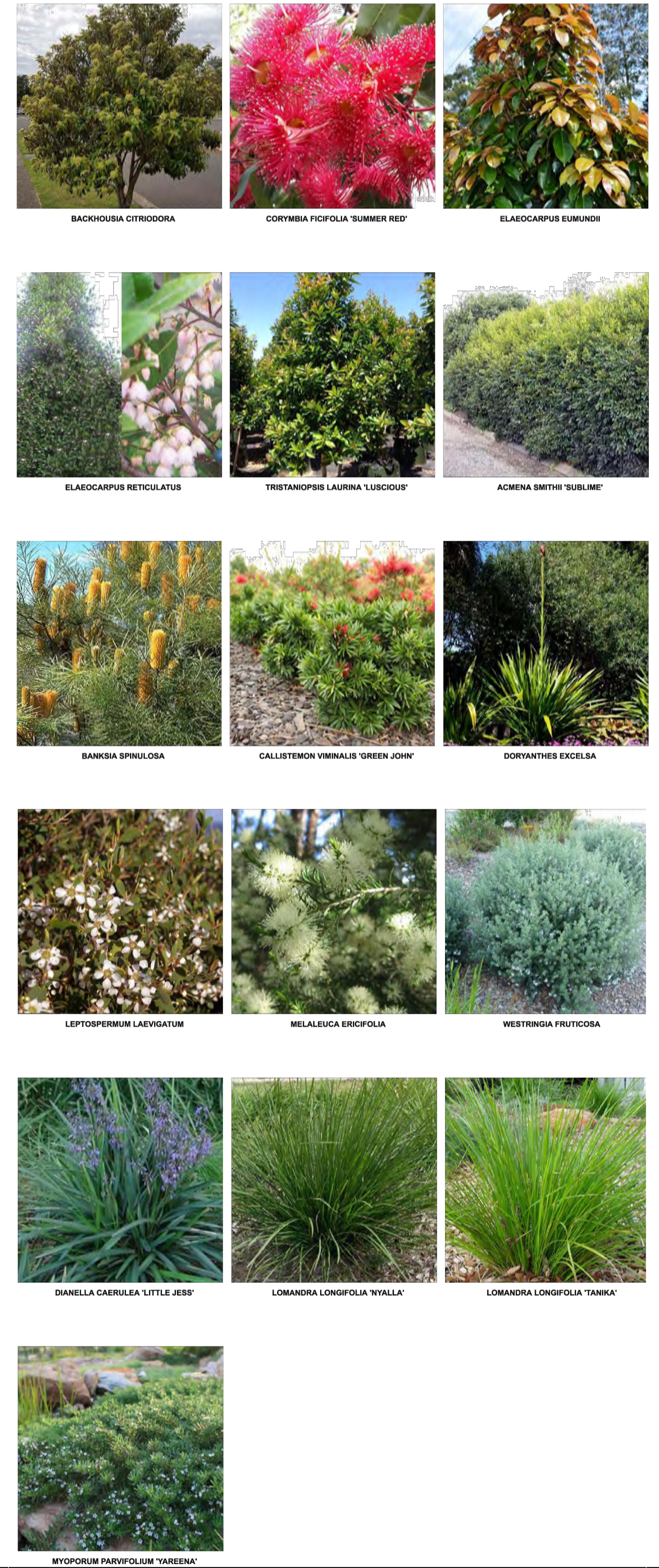
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- PROPOSED SPOT LEVELS
- EXTENT OF NEW WORKS
- ALUMINIUM EDGE
- ACOUSTIC BARRIER
- CONCRETE
- ASPHALT
- MULCH
- TURF
- TREE TO BE RETAINED

PROPOSED PLANT SCHEDULE					
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HGT	POT SIZE
<b>TREES</b>					
* BC	BACKHOUSIA CITRIODORA	LEMON MYRTLE	3	5m	75Ltr
* CF	CORYMBIA FICIFOLIA 'SUMMER RED'	SUMMER RED	3	5m	75Ltr
* EE	ELAEOCARPUS EUMUNDI	EUMUNDI QUANDONG	3	7m	75Ltr
* ER	ELAEOCARPUS RETICULATUS	BLUEBERRY ASH	5	7m	45Ltr
** TL	TRISTANOPSIS LAURINA	WATER GUM	2	12m	75Ltr
<b>SHRUBS</b>					
* AS	ACMENA SMITHII 'SUBLIME'	SUBLIME LILLY PILLY	8	4m	300mm
** BS	BANKSIA SPINULOSA	HAIRPIN BANKSIA	3	2m	250mm
* CV	CALLISTEMON VIMINALIS 'GREEN JOHN'	GREEN JOHN BOTTLEBRUSH	32	0.8m	200mm
* DE	DORYANTHES EXCELSA	GYMEA LILY	8	2m	250mm
** LL	LEPTOSPERMUM LAEVIGATUM	COASTAL TEA-TREE	1	2m	250mm
** ME	MELALEUCA ERICIFOLIA	SWAMP PAPERBARK	1	4m	200mm
** WF	WESTRINGIA FRUTICOSA	COASTAL ROSEMARY	9	1.5m	200mm
<b>GRASSES / GROUND COVERS</b>					
* DC	DIANELLA CAERULEA 'LITTLE JESS'	LITTLE JESS	39	0.4m	140mm
* LN	LOMANDRA LONGIFOLIA 'NYALLA'	NYALLA	30	0.7m	140mm
* LT	LOMANDRA LONGIFOLIA 'TANIKA'	TANIKA	97	0.5m	140mm
* MP	MYOPORUM PARVIFOLIUM 'YAREENA'	YAREENA	7	0.1m	200mm

\*\*NATIVE SPECIES TO CURL CURL WARD \* NATIVE SPECIES

**PLANTING PALETTE**



**THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT DA2021/2567**

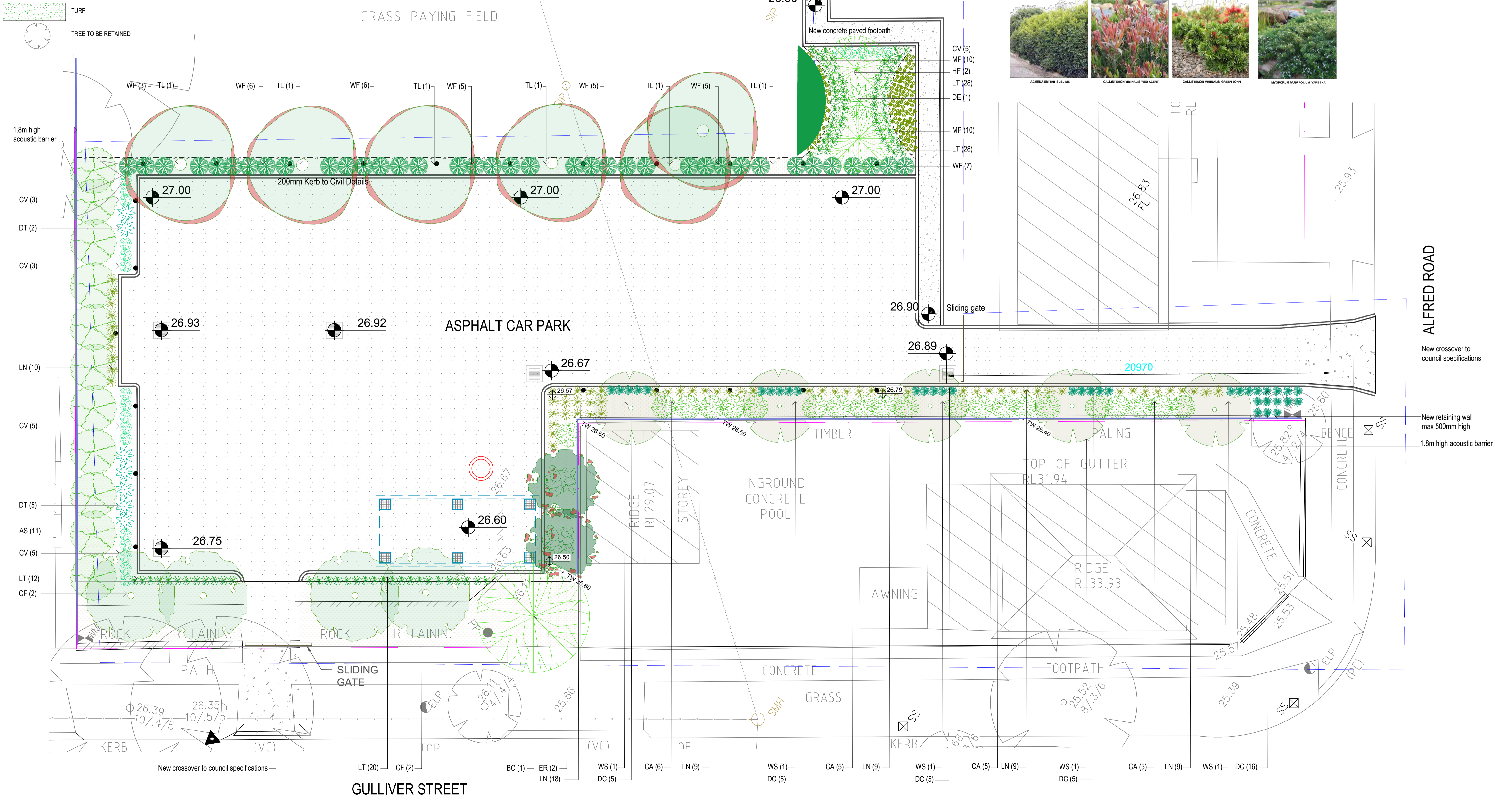


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PROPOSED PLANT SCHEDULE					
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HGT	POT SIZE
<b>TREES</b>					
BC	BACKHOUSIA CITRIODORA	LEMON MYRTLE	1	5m	75Ltr
CF	CORYMBIA FICIFOLIA 'SUMMER RED'	SUMMER RED	4	5m	75Ltr
ER	ELAEOCARPUS RETICULATUS	BLUEBERRY ASH	2	7m	45Ltr
HF	HYMENOSPORUM FLAVUM	NATIVE FRANGIPANI	2	8m	75Ltr
TL	TRISTANIOPSIS LAURINA 'LUSCIOUS'	LUSCIOUS WATER GUM	6	8m	75Ltr
WS	WATERHOUSIA FLORIBUNDA 'SWEEPER'	SWEEPER	5	9m	45Ltr
<b>SHRUBS</b>					
AS	ACHENA SMITHI 'SUBLIME'	SUBLIME LILLY PILLY	11	4m	300mm
CA	CALLISTEMON VIMINALIS 'RED ALERT'	RED ALERT BOTTLEBRUSH	21	2m	200mm
CV	CALLISTEMON VIMINALIS 'GREEN JOHN'	GREEN JOHN BOTTLEBRUSH	21	0.8m	200mm
DE	DORYANTHES EXCELSA	GYMEA LILY	1	2m	250mm
WF	WESTRINGIA FRUTICOSA 'AUSSIE BOX'	AUSSIE BOX WESTRINGIA	37	0.8m	250mm
<b>GRASSES / GROUND COVERS</b>					
DC	DIANELLA CAERULEA 'LITTLE JESS'	LITTLE JESS	36	0.4m	140mm
DT	DIANELLA TASMANICA 'WYEENA'	WYEENA	7	0.9m	140mm
LN	LOMANDRA LONGIFOLIA 'NYALLA'	NYALLA	64	0.7m	140mm
LT	LOMANDRA LONGIFOLIA 'TANIKA'	TANIKA	88	0.5m	140mm
MP	MYOPORUM PARVIFOLIUM 'YAREENA'	YAREENA	20	0.1m	200mm

\*\*NATIVE SPECIES TO CURL CURL WARD \*NATIVE SPECIES



ALFRED ROAD

GULLIVER STREET

**NOTES**

- Consult to check and verify all dimensions and all levels on site prior to any works.
- Any alterations should be immediately referred to Space Landscape Designs.
- All work to comply with all CA, State, Authority and relevant Australian Standards.
- Copyright reserved over all rights. All measurements are in millimetres.

Rev.	Date	Issue	Checked
A	20/10/21	Preliminary Issue	CW
B	22/10/21	Preliminary Issue	CW
C	26/10/21	Preliminary Issue	CW
D	09/12/21	DA Issue	CW
E	10/11/22	DA Issue	CW

**SPACE**  
LANDSCAPE DESIGNS

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Suite 138, 117 Old Pittwater Rd.  
Brookvale NSW 2100

PROJECT: Proposed Carpark  
SITE ADDRESS: Federal Parade, Brookvale 2100

CLIENT: St Augustine's College  
DRAWN: A.Elboz (A/LDM 625)  
SCALE: 1:100@A1  
PROJECT NO: 211930

DRAWING TITLE: LANDSCAPE PLAN-SHEET 2  
DRAWING NO: L-03  
Rev. E