

GLENWOOD RESERVE

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POTENTIAL FUTURE REGENERATION OF THE CUMBERLAND PLAIN WOODLAND COMMUNITY INCLUDING STAGED REMOVAL OF WEEDS AND REPLACEMENT WITH NATIVE UNDERSTORY PLANTINGS.

1:10 GRADED TURF BANK, MARRY BANK TO EXISTING LEVELS.

EXISTING CRICKET NETS

EXISTING SCHOOL OVAL

EXISTING GAMES COURTS

COLA

REFER DETAIL PLAN DA-LA-0002

REFER DETAIL PLAN DA-LA-0003

MAKE GOOD TURF

POTENTIAL FUTURE REGENERATION OF EXISTING CUMBERLAND PLAIN WOODLAND PATCH WITH NEW TREE AND UNDERSTORY PLANTING

YARNING CIRCLE 'WEAVING'

VIEW CORRIDORS FROM GLENWOOD PARK DRIVE TO FACADE / GRAPHIC TREATMENT OF NEW BUILDING

1:5 GRADED TURF BANK, MASS PLANTING BED (MP) AT UPPER EXTENT AS SHOWN, MARRY BANK TO EXISTING LEVELS.

NEW TREE PLANTING TO EASTERN BOUNDARY

NEW PEDESTRIAN ENTRY FROM GLENWOOD PARK DRIVE

NEW TREE PLANTING TO EASTERN BOUNDARY AND EXISTING DRIVEWAY.

NEW TREE PLANTING TO EASTERN BOUNDARY AND EXISTING DRIVEWAY.

PLANTING SCHEDULE						
SYM	Botanical Name	Common Name	Height x width	Pot	Spacing	QTY
Tree Planting						
Fa	<i>Flindersia australis</i>	Native teak ash	12m x 6m	100L	As Shown	23
Lc	<i>Lophostemon confertus</i>	Brush box	12m x 6m	100L	As Shown	9
Mq	<i>Melaleuca quinqueveneria</i>	Paperbark	8m x 4m	100L	As Shown	20
Sg	<i>Syncarpia glomulifera</i>	Turpentin tree	20m+ x 6m+	200L	As Shown	22
Tree Planting (Cumberland Plain Woodland)*						
Cm	<i>Corymbia maculata</i>	Spotted gum	12m x 6m	25L	As Shown	7
Ea	<i>Eucalyptus crebra</i>	Ironbark	12m x 6m	25L	As Shown	7
Ef	<i>Eucalyptus fibrosa</i>	Red ironbark	12m x 6m	25L	As Shown	5
Et	<i>Eucalyptus tereticornis</i>	Forest red gum	12m x 6m	25L	As Shown	4
* Tree species planting within the existing Cumberland Plain Woodland						
Shrub Planting						
As	<i>Acmena smithii</i>	Lilly pilly	3m x 2m	25L	As Shown	190
Md	<i>Melaleuca decora</i>	White honeymyrtle	7m x 4m	25L	As Shown	10
Ri	<i>Raphiotepis indica</i>	Indian hawthorn	1.5m x 1.5m	25L	800mm	40
Wf	<i>Westringia fruticosa</i>	Coastal rosemary	1.5-2m+ x 1m	25L	800mm	40
Groundcovers						
Ci	<i>Carex inversa</i>	Knob sedge	0.7m x 0.7m	150mm	500mm	840
Dr	<i>Dianella revoluta</i>	Blue berry lily	0.7m x 0.7m	150mm	500mm	1000
Lj	<i>Lomandra filiformis</i>	Mat rush	0.7m x 0.7m	150mm	500mm	1000
Ju	<i>Juncus usitatus</i>	Common rush	0.6m x 0.5m	150mm	500mm	840
Groundcovers / Understory (Cumberland Plain Woodland)**						
	<i>Carex inversa</i>	Knob sedge	0.7m x 0.7m	-	Direct seeded	
	<i>Dianella longifolia</i>	Flax lily	0.7m x 0.7m	-	Direct seeded	
	<i>Lomandra filiformis</i>	Mat rush	0.7m x 0.7m	-	Direct seeded	
	<i>Poa labillardierei</i>	Tussock grass	0.7m+ x 0.7m	-	Direct seeded	1920m2
	<i>Juncus usitatus</i>	Common rush	0.7m+ x 0.7m	-	Direct seeded	
	<i>Themeda australis</i>	Kangaroo grass	0.7m+ x 0.7m	-	Direct seeded	

** Potential future regeneration of the Cumberland Plain Woodland Community including staged removal of weeds and replacement with native understory planting species identified, including suitable cover crop. Develop native seed mix, including planting (seeding) management and techniques with Greening Australia - Cumberland Seed Production Area (SPA); <https://greeningaustralia.org>

LEGEND	
[Symbol]	SITE BOUNDARY
[Symbol]	EXISTING TREE TO BE RETAINED, T# (TREE NUMBER) REFER ARBORIST REPORT
[Symbol]	EXISTING TREE TO BE REMOVED FOR DA, T# (TREE NUMBER) REFER ARBORIST REPORT
[Symbol]	EXISTING TREE TO BE REMOVED FOR SSD, T# (TREE NUMBER) REFER ARBORIST REPORT
[Symbol]	NEW TREE PLANTING (MP) AND MULCH ONLY (MO)
[Symbol]	NEW TREE PLANTING (G# (Genus species) REFER PLANTING SCHEDULE
[Symbol]	PROPRIETARY QUATRO DESIGNS - 'FLINDERS' GRC BENCH SEATING WITH SECTIONS OF HARDWOOD TIMBER TOP
[Symbol]	ON SITE DETENTION BASIN (OSD)
[Symbol]	PAVING TYPE 1 CONCRETE (POURED INSITU)
[Symbol]	PAVING TYPE 2 COLOURED CONCRETE (POURED INSITU)
[Symbol]	PAVING TYPE 3 PERMEABLE PAVING TO 'KITCHEN GARDEN' (6)
[Symbol]	TIMBER EDGE
[Symbol]	TREE PIT

KEY	
1	EXISTING PATCH OF CUMBERLAND PLAIN WOODLAND.
2	RETAIN EXISTING TREES - POTENTIAL FUTURE REGENERATION WORKS MAY INCLUDE THE STAGED REMOVAL OF WEEDS AND REPLACEMENT WITH NATIVE UNDERSTORY PLANTING AND TREE SPECIES OF THE CUMBERLAND PLAIN WOODLAND.
3	SEVERAL SPECIES OF THE CUMBERLAND PLAIN WOODLAND ARE IDENTIFIED IN THE EFIG UNDER SECTION 92.08. HAZARDOUS TREES / PLANTS 'TREES THAT MAY SHED LARGE BRANCHES' AN ARBORICULTURAL ASSESSMENT SHOULD BE COMPLETED WITH RECOMMENDATIONS REGARDING LIMB AND TREE REMOVAL CARRIED OUT PRIOR TO ACCESS BEING PROVIDED.
4	OUTDOOR SEATING CONNECTED TO EXTERNAL ACTIVE PLAY AND PERFORMANCE SPACE.
5	NEW EAST - WEST CONNECTION PATH
6	KITCHEN GARDEN WITH MIX OF NATIVE EDIBLE PLANT GROWING PLOTS AND RAISED PLANTER BEDS.
7	EXISTING PAVING TO PERIMETER OF GARDEN, INTEGRATED INTERNAL PERMEABLE PAVING CIRCULATION PATHS, HARDWOOD TIMBER RAISED PLANTERS, HOSE TAPE (IRRIGATION POINT), HARDWOOD PREPARATION TABLE
8	YARNING CIRCLE SURROUNDED BY NATIVE GRASSES AND SEDGES SUITABLE FOR THE TEACHING AND LEARNING OF TRADITIONAL WEAVING PRACTICES.
9	YARNING CIRCLE FOR SMALL TO MEDIUM SIZE GROUPS.
10	CONCRETE PLANKS (STEPPING STONES) WITH INCORPORATED INTERPRETATION PANELS THAT PROVIDE INFORMATION ON PLANT AND ANIMAL SPECIES OF THE CUMBERLAND PLAIN WOODLAND.

KITCHEN GARDEN WITH MIX OF NATIVE EDIBLE PLANT GROWING PLOTS AND RAISED PLANTER BEDS

- EXISTING PAVING TO PERIMETER OF GARDEN.
- INTEGRATED INTERNAL PERMEABLE PAVING CIRCULATION PATHS.
- HARDWOOD TIMBER RAISED PLANTERS
- HOSE TAPE (IRRIGATION POINT)
- HARDWOOD PREPARATION TABLE



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Rev	Amendment	By	Chk**	Date
A	DRAFT SSDA SUBMISSION	GM	GM	21/10/01
B	DEVELOPED DRAFT SSDA SUBMISSION	GM	GM	21/10/05
C	DEVELOPED DRAWINGS	GM	GM	21/10/07
D	DRAFT SSDA SUBMISSION	GM	GM	21/10/26
E	DRAFT SSDA SUBMISSION	GM	GM	21/10/30
F	SSDA SUBMISSION	GM	GM	21/11/10

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Project
GLENWOOD HIGH SCHOOL
FORMAN AVENUE, GLENWOOD,
NSW 2768

Status
DRAFT SSDA SUBMISSION

Title
LANDSCAPE PLAN

Drawing Number
DA-LA-0001

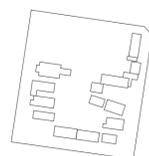
Revision
F



- LEGEND**
- SCHOOL BUILDINGS
 - EXISTING TREE TO BE RETAINED
 - EXISTING TREE TO BE REMOVED FOR DA
 - EXISTING TREE TO BE REMOVED FOR SSD
 - NEW TREE PLANTING

CANOPY AREA CALCULATIONS
 SITE AREA: 60,790m² EX. TREE CANOPY AREA: 10,800m² (17.8%)
 BUILDING AREA: 16,915m² AUGMENTED TREE CANOPY AREA: 14,855m²
 SITE AREA: 60,790m² TREE CANOPY: 14,855m² (24.1%)

Key Plan:



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A	DRAFT SSDA SUBMISSION	GM	GM	21/10/01
B	DEVELOPED DRAFT SSDA SUBMISSION	GM	GM	21/10/05
C	DRAFT SSDA SUBMISSION	GM	GM	21/10/25
D	DRAFT SSDA SUBMISSION	GM	GM	21/10/30
E	SSDA SUBMISSION	GM	GM	21/11/10

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Project
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 FORMAN AVENUE, GLENWOOD, NSW 2768

Status
 DEVELOPED DRAFT SSDA SUBMISSION

Title
 TREE CANOPY COVER

Drawing Number
 DA-LA-0010

Revision
 E



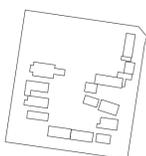
BENCH SEATING
Proprietary Glass Reinforced Concrete (GRC) Bench Seating Elements with sections of Hardwood Timber to outdoor learning spaces.

INTERPRETATION WALKWAY
Concrete planks (Stepping Stones) in turf with interpretation panels located adjacent to the existing Cumberland Plain Woodland patch. Interpretation panels describe plant and animal species of the Cumberland Plain Woodland community.

EXTERNAL ACTIVE PLAY AND PERFORMANCE SPACE
Coloured concrete to active play and performance spaces

KITCHEN GARDEN
Provide a mix of native edible plant growing lots and raised hardwood timber planter beds.

Key Plan:



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B	DEVELOPED DRAFT SSDA SUBMISSION	GM	GM	21/10/06
C	DRAFT SSDA SUBMISSION	GM	GM	21/10/30
D	SSDA SUBMISSION	GM	GM	21/11/10

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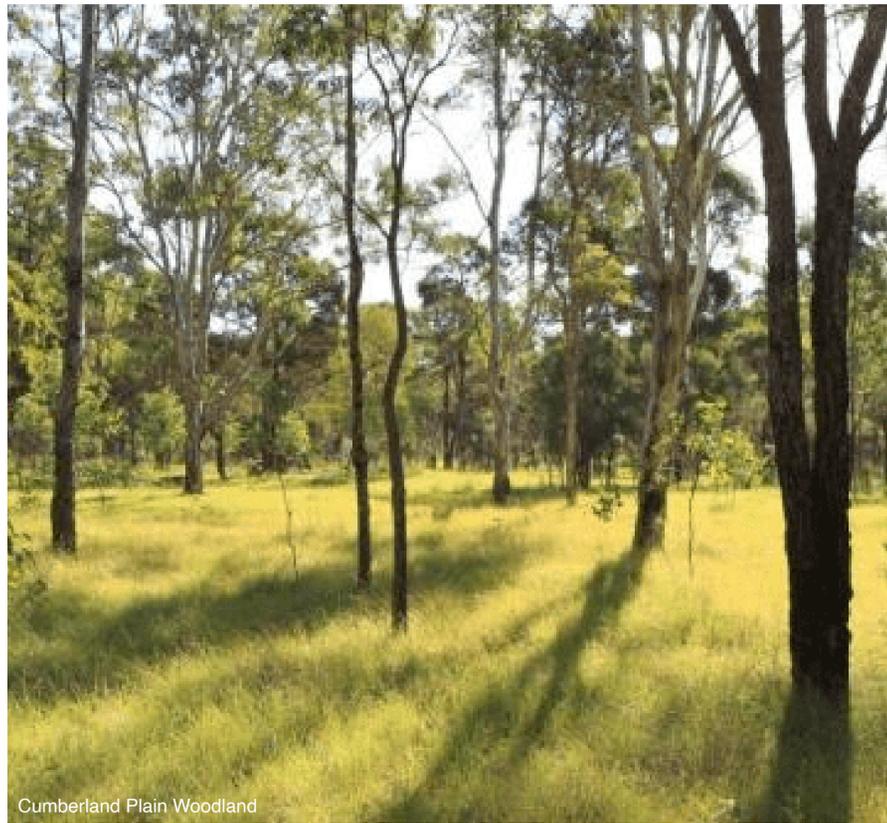
Title
**LANDSCAPE MATERIALS
AND FINISHES**

Drawing Number

DA-LA-0020

Revision

D



Cumberland Plain Woodland



Lophostemon confertus



Flindersia australis



Melaleuca quinquenervia



Acmena smithii



Themeda australis



Juncus usitatus



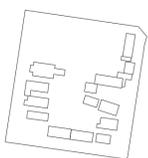
Dianella revoluta

CUMBERLAND PLAIN WOODLAND PLANTING SPECIES

Potential opportunity for future rehabilitation of Cumberland Plain Woodland on site. The existing Cumberland Plain Woodland has informed the tree and groundcover species selection for the surrounding school landscape and interpretation opportunities.

Investigate suitable tree and groundcover planting and native seed mix, including planting (seeding) management and techniques with Greening Australia, Cumberland Seed Production Area (SPA): <https://www.greeningaustralia.org>.

Key Plan:



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C	DRAFT SSDA SUBMISSION	GM	GM	21/10/30
D	SSDA SUBMISSION	GM	GM	21/11/10

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Status
DRAFT SSDA SUBMISSION

Title
LANDSCAPE PLANTING

Drawing Number
DA-LA-0021

Revision
D