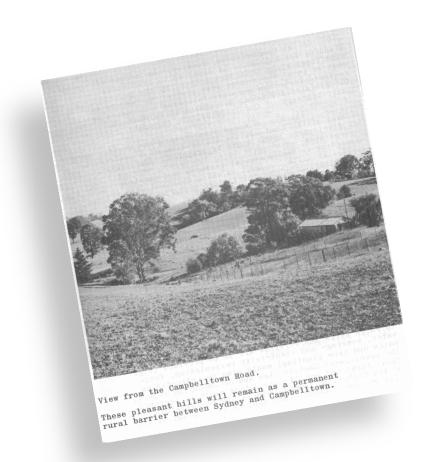
VISUAL AND LANDSCAPE ANALYSIS OF

CAMPBELLTOWN'S SCENIC HILLS

AND

EAST EDGE SCENIC PROTECTION LANDS

FINAL REPORT



PREPARED FOR CAMPBELLTOWN CITY COUNCIL



MARCH 2010 Updated October 2011



Geoffrey Britton Environmental Design Consultant

COVER IMAGE: from Campbelltown – A New City in the County of Cumberland, Published by the Cumberland County Council in October 1960 (p11). This report established the planning policies that guided the development of the City.

EXECUTIVE SUMMARY

This study has investigated the scenic and aesthetic values of the landscapes that surround the urbanised area of the Campbelltown Local Government Area (LGA). The study areas (the Scenic Hills to the west of the valley and the East Edge Scenic Protection Lands (EESPLs) to the east) were divided further into discrete Landscape Units in recognition of their geographic location and unique characteristics.

Each Landscape Unit was researched and analysed in detail to determine the scenic and visual characteristics, values and specific views of the Unit that need to be protected for future generations.

One of the most notable characteristics of the landscapes found during the fieldwork undertaken for this report was the richness and spatial complexity of the landscapes, particularly those in the Scenic Hills. In most Units a tangible sense of depth and volume dominates the landscape. It is a multidimensional place which is experienced from innumerable perspectives and contains multiple layers of meaning and cultural value. The Scenic Hills is also highly visible from throughout the LGA and the quality and accessibility of these views have meant that the Scenic Hills contribute greatly to the LGA's 'sense of place'.

Although more visually 'hidden', the EESPLs are the interface between the urban area of the LGA and the environmentally sensitive and spectacular Georges River catchment - which is also valued highly by the local community.

The study has found that the qualities of the landscape recorded by Governor Lachlan Macquarie in 1810 have survived in a remarkably intact condition due to the patterns of Colonial farming, later pastoral and agricultural uses and most importantly, as a result of the proactive town planning controls of the post-War era.

One of the main objectives common to all planning controls since the early 1960s was to create Campbelltown as a compact city set within a scenic landscape. This was achieved through land use zoning and development controls which encouraged a well-defined urban edge with the continuation of active rural land uses beyond, and the active discouragement of commercial, industrial, residential or other non-farm related development. Minimum lot sizes for subdivision were set well above the existing pattern of subdivision to discourage speculative development although concessions such as allowing owners of existing lots to erect a dwelling were granted. Views and vistas were protected and their accessibility from the public domain ensured through urban design controls throughout the LGA.

Thanks to these planning initiatives and their consistent enforcement, both the Scenic Hills and the East Edge Scenic Protection Lands have remained strongly defined and aesthetically unique landscapes which continue to define the setting of the Campbelltown LGA.

All local government areas experience continual pressure for development, and the landscapes of the Scenic Hills and the EESPLs are no exception, with a succession of proposals, requests and applications for a range of development proposals being submitted to Campbelltown City Council and the State Government to develop the landscapes for residential and commercial/industrial activities over the years. Council continues to recognise the importance and unique qualities of the landscapes and almost all concept plans and applications have been refused either formally or informally. These decisions have done much to ensure that the setting of the City of Campbelltown has not been compromised. Notwithstanding this, the demands continue.

The study also examined the effectiveness of existing planning controls such as zoning and minimum lot size in the protection of the landscapes' visual and environmental values. This included analysing the patterns of development that have occurred under the current planning instruments and identifying the potential for further development in each Unit under these controls. It then explored the impacts that changing these controls would have on the scenic and environmental values of each Unit. A range of development scenarios for each Unit was examined which assessed not only the impact of additional dwellings and ancillary structures such as garages and outbuildings on the scenic qualities of the landscape, but also addressed issues such as the need to protect genuine rural activity from

the impacts of residential subdivision on nearby land due to the subsequent potential for conflict between the two uses due to environmental impacts of noise, odours and water runoff.

The study concludes with recommendations on how to protect the scenic and environmental qualities of each Landscape Unit through the planning and land use management process. This included the identification of a limit for the spread of urban and suburban land uses and the development of detailed recommendations for zoning and densities for each Landscape Unit (including models for development on the interfaces of the rural and bushland landscapes) that will also satisfy the requirements of the NSW Department of Planning and Infrastructure's current Standard LEP Template.

TABLE OF CONTENTS (MAJOR SECTIONS)

1.0 Ba	ckground	1
	1.1 Introduction to the study areas	2
	1.2 Study Objectives	3
	1.3 Limitations	3
	1.4 Consultation	3
	1.5 Study team	4
	1.6 Acknowledgements	4
	1.7 Abbreviations and definitions used in the report	4
	1.8 Study tasks	10
2.0	The context: Describing Campbelltown's scenic landscape	13
	2.1 Early records of Campbelltown's landscape scenery	13
	2.2 Campbelltown's physiography	22
	2.3 Reading Campbelltown's cultural landscape today	24
3.0	Planning context	29
	3.1 History of planning initiatives to protect the scenic qualities of the Campbelltown LGA	29
	3.2 Current planning controls	34
	3.3 Recent development pressures in the study areas	42
	3.4 Principles for the protection of scenic values in a cultural landscape	45
	3.5 Recommended planning initiatives to protect the scenic and environmental qualities of the study areas	46
4.0	The landscape of the Scenic Hills	59
	4.0.1 Introduction	60
	4.0.2 Issues affecting the Scenic Hills	68
	4.0.3 Recommendations relevant to all landscape units in the Scenic Hills	72
	4.0.4 Visual Landscape Units within the Scenic Hills	75

4.1	Scenic Hills Landscape Unit 1 – Denham Court Road to Raby Road	77
	4.1.1 Context	82
	4.1.2 Significant views and vistas	103
	4.1.3 Summary of landscape qualities and values in SH-LU1	106
	4.1.4 Natural conservation values and the visual qualities of SH-LU1	108
	4.1.5 Existing statutory planning controls and the visual qualities of SH-LU1	108
	4.1.6 Existing lot sizes and their impact on the visual qualities of SH-LU1's landscape	109
	4.1.7 Efficacy of existing statutory controls in protecting the visual and scenic qualities of SH-LU1's landscape	114
	4.1.8 Potential impacts of land uses on the identified visual qualities of SH-LU1	115
	4.1.9 Potential impacts of increased densities on the identified visual qualities of SH-LU1	117
	4.1.10 Recommendations for the conservation of the visual and environmental values of SH-LU1	121
4.2	Scenic Hills Landscape Unit 2 – Raby Road to Badgally Road	125
	4.2.1 Context	128
	4.2.2 Significant views and vistas	140
	4.2.3 Summary of landscape qualities and values in SH-LU2	142
	4.2.4 Natural conservation values and the visual qualities of SH-LU2	143
	4.2.5 Existing statutory planning controls and the visual qualities of SH-LU2	144
	4.2.6 Existing lot sizes and their impact on the visual qualities of SH-LU2's landscape	145
	4.2.7 Efficacy of existing statutory controls in protecting the visual and scenic qualities of SH-LU2's landscape	147
	4.2.8 Potential impacts of land uses on the identified visual qualities of SH-LU2	147
	4.2.9 Potential impacts of increased densities on the identified visual qualities of SH-LU2	149

	4.2.10 Recommendations for the conservation of the visual and environmental values of SH-LU2	151
4.3	Scenic Hills Landscape Unit 3 – Badgally Road to Narellan Road	155
	4.3.1 Context	159
	4.3.2 Significant views and vistas	175
	4.3.3 Summary of landscape qualities and values in SH-LU3	181
	4.3.4 Natural conservation values and the visual qualities of SH-LU3	182
	4.3.5 Existing statutory planning controls and the visual qualities of SH-LU3	183
	4.3.6 Existing lot sizes and their impact on the visual qualities of SH-LU3's landscape	185
	4.3.7 Efficacy of existing statutory controls in protecting the visual and scenic qualities of SH-LU3's landscape	186
	4.3.8 Potential impacts of land uses on the identified visual qualities of SH-LU3	187
	4.3.9 Potential impacts of increased densities on the identified visual qualities of SH-LU3	193
	4.3.10 Recommendations for the conservation of the visual and environmental values of SH-LU3	194
4.4	Scenic Hills Landscape Unit 4 – Mount Annan Botanic Garden	199
	4.4.1 Context	201
	4.4.2 Significant views and vistas	213
	4.4.3 Summary of landscape qualities and values in SH-LU4	215
	4.4.4 Natural conservation values and the visual qualities of SH-LU4	216
	4.4.5 Existing statutory planning controls and the qualities of the visual and scenic landscape of SH-LU4	216
	4.4.6 Efficacy of existing statutory controls in protecting the visual and scenic qualities of SH-LU4's landscape	216
	4.4.7 Potential impacts of land uses on the identified visual qualities of SH-LU4	217
	4.4.8 Potential impacts of increased densities on the identified visual qualities of SH-LU4	219

		4.4.9 Recommendations for the conservation of the visual and environmental values of SH-LU4	219
	4.5	Scenic Hills Landscape Unit 5 – South Western Freeway to Mt Sugarloaf	223
		4.5.1 Context	227
		4.5.2 Significant views and vistas	242
		4.5.3 Summary of landscape qualities and values in SH-LU3	244
		4.5.4 Natural conservation values and the visual qualities of SH-LU3	245
		4.5.5 Existing statutory planning controls and the visual qualities of SH-LU5	245
		4.5.6 Existing lot sizes and their impact on the visual qualities of SH-LU5's landscape	247
		4.5.7 Efficacy of existing statutory controls in protecting the visual and scenic qualities of SH-LU5's landscape	248
		4.5.8 Potential impacts of land uses on the identified visual qualities of SH-LU5	248
		4.5.9 Potential impacts of increased densities on the identified visual qualities of SH-LU5	248
		4.5.10 Recommendations for the conservation of the visual and environmental values of SH-LU5	250
5.0	The l	andscape of the East Edge Scenic Protection Lands	253
		5.0.1 Introduction	254
		5.0.2 Reconciling the retention of high quality woodland/bushland areas and development – issues of bushfire protection	259
		5.0.3 Impact of the construction of the Parkway on the visual and environmental qualities of the EESPLs	260
		5.0.4 Implications of the Natural Conservation Values Assessment of the EESPLS	261
		5.0.5 Issues relevant to any increase in densities in a bushland setting	262
		5.0.6 Recommendations relevant to all EESPL units	263
		5.0.7 Visual landscape units within the east edge scenic protection lands	264
	5.1	East Edge Scenic Protection Lands – Unit 1. Evelyn Street and Oakley Rd	265
		5.1.1 Context	268

	5.1.2 Significant views and vistas	278
	5.1.3 Summary of landscape qualities and values in E-LU1	280
	5.1.4 Natural conservation values and the visual qualities of E-LU1	281
	5.1.5 Existing statutory planning controls and the visual qualities of E-LU1	281
	5.1.6 Existing lot sizes and their impact on the visual qualities of E-LU1's landscape	282
	5.1.7 Efficacy of existing statutory controls in protecting the visual and scenic qualities of E-LU1's landscape	283
	5.1.8 Potential impacts of land uses on the identified visual qualities of E-LU1	284
	5.1.9 Potential impacts of increased densities on the identified visual qualities of E-LU1	284
	5.1.10 Recommendations for the conservation of the visual and environmental values of E-LU1	287
5.2	East Edge Scenic Protection Lands – Unit 2. Oldsmobile Place	291
	5.2.1 Context	293
	5.2.2 Recommendation	293
5.3	East Edge Scenic Protection Lands – Unit 3. Mercedes Road	295
	5.3.1 Context	298
	5.3.2 Significant views and vistas	315
	5.3.3 Summary of landscape qualities and values in E-LU3	317
	5.3.4 Natural conservation values and the visual qualities of E-LU3	318
	5.3.5 Existing statutory planning controls and the visual qualities of E-LU3	319
	5.3.6 Existing lot sizes and their impact on the visual qualities of E-LU3's landscape	320
	5.3.7 Efficacy of existing statutory controls in protecting the visual and scenic qualities of E-LU3's landscape	322
	5.3.8 Potential impacts of land uses on the identified visual qualities of E-LU3	322
	5.3.9 Potential impacts of increased densities on the identified visual	322

qualities of E-LU3

	5.3.10 Recommendations for the conservation of the visual and environmental values of E-LU3	328
5.4	East Edge Scenic Protection Lands – Unit 4. Eagleview Road	331
	5.4.1 Context	335
	5.4.2 Significant views and vistas	364
	5.4.3 Summary of landscape qualities and values in E-LU4	368
	5.4.4 Natural conservation values and the visual qualities of E-LU4	370
	5.4.5 Existing statutory planning controls and the visual qualities of E-LU4	371
	5.4.6 Existing lot sizes and their impact on the visual qualities of E-LU4's landscape	375
	5.4.7 Efficacy of existing statutory controls in protecting the visual and scenic qualities of E-LU4's landscape	378
	5.4.8 Potential impacts of land uses on the identified visual qualities of E-LU4	379
	5.4.9 Potential impacts of increased densities on the identified visual qualities of E-LU4	380
	5.4.10 Recommendations for the conservation of the visual and environmental values of E-LU4	384
5.5	East Edge Scenic Protection Lands – Unit 5. Hansens Road	389
	5.5.1 Context	392
	5.5.2 Significant views and vistas	409
	5.5.3 Summary of landscape qualities and values in E-LU5	410
	5.5.4 Natural conservation values and the visual qualities of E-LU5	412
	5.5.5 Existing statutory planning controls and the visual qualities of E-LU5	413
	5.5.6 Existing lot sizes and their impact on the visual qualities of E-LU5's landscape	414
	5.5.7 Efficacy of existing statutory controls in protecting the visual and scenic qualities of E-LU5's landscape	416
	5.5.8 Potential impacts of land uses on the identified visual qualities of E-	416

	LU5	
	5.5.9 Potential impacts of increased densities on the identified visual qualities of E-LU5	416
	5.5.10 Recommendations for the conservation of the visual and environmental values of E-LU5	419
5.6	East Edge Scenic Protection Lands – Unit 6. Acacia Avenue	423
	5.6.1 Context	426
	5.6.2 Significant views and vistas	436
	5.6.3 Summary of landscape qualities and values in E-LU6	438
	5.6.4 Natural conservation values and the visual qualities of E-LU6	438
	5.6.5 Existing statutory planning controls and the visual qualities of E-LU6	439
	5.6.6 Existing lot sizes and their impact on the visual qualities of E-LU1's landscape	440
	5.6.7 Efficacy of existing statutory controls in protecting the visual and scenic qualities of E-LU6's landscape	442
	5.6.8 Potential impacts of land uses on the identified visual qualities of E-LU6	442
	5.6.9 Potential impacts of increased densities on the identified visual qualities of E-LU6	442
	5.6.10 Recommendations for the conservation of the visual and environmental values of E-LU6	444
	Conclusion	449
	Bibliography	451
	Appendix 1: Models for development in scenically and environmentally sensitive landscapes	455