

Pine Rivers Shire Council

Planning Scheme Policy

PSP28 Civil Infrastructure Design

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## Planning Scheme Policy for Pine Rivers Shire

### PSP28 Civil Infrastructure Design

#### ADOPTION

Pine Rivers Shire Council adopted this planning scheme policy on 19 June 2006.

#### COMMENCEMENT

This planning scheme policy took effect from 15 December 2006.

#### **Amendment 1/2008 (minor)**

##### ADOPTION OF AMENDMENT

Pine Rivers Shire Council adopted this minor amendment to the planning scheme policy on 4 March 2008.

##### COMMENCEMENT OF AMENDMENT

This minor amendment to the planning scheme policy took effect from 14 March 2008.

I, John Rauber, Acting Chief Executive Officer, of the Pine Rivers Shire Council, hereby certify that this document is a true copy of the original.



John Rauber  
Acting Chief Executive Officer

## PSP 28 - CIVIL INFRASTRUCTURE DESIGN

### HEAD OF POWER

This Policy is a document that supports the Planning Scheme for the Pine Rivers Shire and has been made by Council using the process prescribed in Chapter 2, Part 1, Division 5 of the *Integrated Planning Act 1997*.

### OBJECTIVE

The purpose of this Policy is to establish procedures, design and construction standards for civil infrastructure so that:-

1. road and access way networks and infrastructure are designed and constructed to provide an optimum combination of safety, amenity, convenience, economy and environment that satisfies the reasonable expectations of residents, road and access way users;
2. sites are managed to the extent necessary during construction periods to minimise adverse impacts to the environment and on the health and amenity of residents and premises;
3. sites are managed to the extent necessary during construction periods to minimise adverse traffic impacts on existing roads.
4. road construction standards accommodate anticipated design loads and remain in a serviceable condition without the need for constant maintenance ;
5. stormwater management networks and infrastructure are designed and constructed to collect and convey stormwater from a catchment to its receiving waters with minimal nuisance, danger or damage, and at a development and environmental cost which is acceptable to the community generally;
6. stormwater management systems and infrastructure are designed and constructed to provide an optimum combination of safety, amenity, convenience, economy and environment that satisfies the reasonable expectations of residents and the community generally;
7. immunity from inundation is provided for susceptible infrastructure;
8. flood damage is controlled;
9. flood free access meeting the reasonable expectations and needs of the community is provided;
10. water supply networks and infrastructure are designed and constructed with appropriate capacity, whilst providing for the amenity, convenience, economy and environment that satisfies the reasonable expectations of residents and the community generally;
11. water supply networks and infrastructure are designed and constructed to maintain the quality of water and satisfies the requirements of the recognised Australian national standards;
12. the sewerage network and infrastructure are designed and constructed with appropriate capacity, whilst providing for the amenity, convenience, economy and environment that satisfies the legislative requirements and reasonable expectations of residents and the community generally;
13. asset information is provided to permit economic management of the infrastructure;
14. development occurs in appropriate areas;
15. long term capital, maintenance and user costs are minimised;
16. visual amenity meeting the reasonable expectations of the community is protected;
17. adverse impacts on ecosystems and disturbance of natural features are minimised; and
18. pollutants are controlled at the source to the extent practicable.

### DEFINITIONS/APPLICATION

#### Application

This Policy applies to design and construction of any form of development involving operational work for civil infrastructure which will be maintained by Council pursuant to the *Local Government Act 1993*.

#### Definitions

**Civil Infrastructure** – includes works for roads, access ways, stormwater drainage, water supply and sewerage works

Definitions for other relevant terms are contained in the various volumes and parts of this policy referred to in Appendix A Design Manual.

Unless otherwise indicated in this policy, all terms have the meaning prescribed in Chapter 7 of the Planning Scheme for Pine Rivers Shire.

## **POLICY STATEMENT**

Civil infrastructure is to be designed, constructed and recorded in accordance with the design and construction standards prescribed in the documents referred to in Appendix A Design Manual to this Policy.

## **REVIEW TRIGGERS**

This Policy and the documents listed in Appendix A Design Manual are reviewed internally for applicability, continuing effect and consistency with Planning Scheme and other legislative provisions when any of the following occurs:-

- (1) the Planning Scheme is amended;
- (2) the Planning Scheme is replaced by a new planning scheme;
- (3) amendments which affect the allowable scope and effect of a Planning Scheme Policy are made to the *Integrated Planning Act 1997*;
- (4) industry codes / practices, best practice standards, technical manuals and texts, or national (Australian) standards change;
- (5) other relevant legislation changes; and
- (6) other circumstances as determined from time to time by a resolution of Council.

## **RESPONSIBILITY**

This policy is to be:-

- (1) implemented by all officers involved in the design, construction or assessment of civil infrastructure which will be maintained by Council; and
- (2) reviewed and amended in accordance with the relevant triggers by the Manager Roads and Design Services and the Manager Strategic Direction in consultation with the Manager Development Services and the General Manager Pine Water.

## ENDNOTES

Amendment No – Minor 1/2008	Date Adopted – 4 March 2008	Effective Date – 14 March 2008
Planning Scheme Policy Reference	Description of Amendment	
DG 01	New title page inserted.	
DG 02	New title page inserted. New pages 3, 4, 7 and 14 inserted.	
DG 03	New title page inserted. New contents page inserted. New pages 1, 3, 4, 7, 8, 9, 10, 12, 14, 15, 21 and 22 inserted.	
DG 04	New title page inserted.	
DG 05	New title page inserted.	



## INTRODUCTION

Pine Rivers Shire Council released the first version of their Design Manual in 1980.

This Manual was comprehensively revised in 1993 to bring the character of subdivision layout and the street and road principles in line with the initiatives contained in AMCORD and Queensland Streets, and their application in Pine Rivers Shire.

Since 1993 a number of additional sections have been added to the Design Manual, along with a programme of continuous review and revision.

A revised version of the Design Manual was issued in November 2005 for use with Council's Transitional Planning scheme. That version included a number of new sections, including the Design Standards for Water Supply, and additional Specifications and Design Guidelines. A significant restructure of the Design Manual was also completed at this time.

This edition of the Design Manual is based on the structure established in the November 2005 version of the Design Manual. Amendments to some technical standards have been made to that edition of the document, and references to the Transitional Planning Scheme and supporting documents replaced with links to Pine Rivers Shire Council's IPA Planning Scheme, the PineRiversPlan.

The latest revision in March 2008 contains amendments to Design Guidelines DG-02 and DG-03 to provide for recognition of ADAC as the required method for supply of electronic As Constructed material. Additional minor changes to formatting have been included. All other Design Guidelines have had only their title page changed to pick up on the new title for DG-03 – now As 'Constructed Information'.

UPDATES – Information on updates to the Design Manual will be included on Council's website. For more information, go to Council's website at

[www.moretonbay.qld.gov.au](http://www.moretonbay.qld.gov.au)

and search for PSP28

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