



**ARTERIAL (4 LANES DIVIDED)**

SCALE 1 : 200

ACCEPTABLE DESIGN SOLUTIONS (REFERENCE "ENGINEERING DESIGN GUIDELINES")

TRAFFIC  
VOLUMES NOT RESTRICTED

FOOTPATHS / CYCLEPATHS  
VARIES WITH PEDESTRIAN / CYCLIST NETWORK REQUIRMENTS.

BUS STOP  
INDENTED, CLEAR OF TRAFFIC LANES

DESIGN SPEED  
MINIMUM DESIGN SPEED 80 km/h

LONGITUDINAL GRADE  
MAXIMUM GRADE 16%. MINIMUM GRADE 0.2%

SURFACING  
ASPHALT - MINIMUM THICKNESS 50 mm. UNDERLAID WITH 7mm PRIMERSEAL.

RESIDENTIAL ACCESS FUNCTION  
NIL

STREET LIGHTING  
IN ACCORDANCE WITH AUSTRALIAN STANDARD 1158.

KERBING TYPE  
BARRIER KERB & CHANNEL  
MEDIAN KERB

SOUND ATTENUATION  
SOUND ATTENUATION MEASURES SUCH AS MOUNDING, PLANTING AND / OR FENCING MAY BE REQUIRED BETWEEN THE STREET AND ABUTTING LOTS, IN ACCORDANCE WITH QUEENSLAND STREETS & COUNCIL POLICY.

VERGE TREES  
ONE (1) TREE PER RESIDENTIAL ALLOTMENT OR SPACED AT APPROXIMATELY TWENTY (20) METRE INTERVALS, DEPENDENT ON SITE SAFETY CONSIDERATION AT THE DISCRETION OF THE MANAGER OF PARKS & RECREATION, & IN ACCORDANCE WITH POLICY 1.5 - FOOTPATH PLANTING & MAINTENANCE REQUIRMENTS.

INTERSECTIONS  
INTERSECTIONS WITH ARTERIAL OR COLLECTOR ROADS WILL GENERALLY REQUIRE RIGHT TURN, DECELERATION, AND PASSING LANES AS DETERMINED FROM A TRAFFIC STUDY, WITH A MINIMUM OF THREE HUNDRED (300) METRE SPACINGS.

DRAINAGE  
MINOR STORM - 1 IN 5 YEAR RETURN PERIOD. MAXIMUM STREET FLOW WIDTH IN ACCORDANCE WITH ENGINEERING DESIGN GUIDELINES FOR DRAINAGE.  
MAJOR STORM - 1 IN 100 YEAR RETURN PERIOD TO BE CONTAINED WITHIN THE LIMITS OF THE ROAD RESERVE, DRAINAGE RESERVE OR DRAINAGE EASEMENTS.  
FLOWS IN EXCESS OF THE MAJOR STORM ARE TO HAVE A POSITIVE RELIEF OUTLET.

DIMENSION  
CARRIAGEWAY AND VERGE DIMENSIONS ARE MEASURED TO CHENNEL INVERT.

STANDARD DRAWINGS  
PA3 - 865 STANDARD KERBS AND CHANNELS  
PA3 - 867 STANDARD SLOTTED P.V.C. PIPE SUB-SOIL DRAIN  
A2 - 500 STANDARD CONCRETE FOOTPATH

URBAN 2

DRAWING FILE NAME

\\MISC\ROAD HIERACHY\A3-3601.DWG

NO.	DATE	DESCRIPTION	APPVD.
AMENDMENTS AND REVISIONS			

DESIGNED  
DRAWN  
CHECKED  
DATE 26/07/06

M.A.S. *G. Hawes*  
12/9/06 G. HAWES  
RPEQ 5693

EXECUTIVE MANAGER  
INFRASTRUCTURE SERVICES

*S.M. Holley*  
STUART HOLLEY

**MACKAY**  
CITY COUNCIL

DATE 13.9.06  
PHONE (07) 4968 4477  
FAX (07) 4944 2431

**ARTERIAL ROAD  
CROSS SECTION**

ARTERIAL - FOUR LANES DIVIDED (URBAN)

DRAWING No.  
**A3-3609**

AMEND.  
SHEET 1 OF 1