



ACCEPTABLE DESIGN SOLUTIONS (REFERENCE "ENGINEERING DESIGN GUIDELINES")

TRAFFIC
VOLUMES NOT RESTRICTED

FOOTPATHS / CYCLEPATHS
VARIES WITH PEDESTRIAN / CYCLIST NETWORK REQUIREMENTS.

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.

KERBING TYPE
BARRIER KERB & CHANNEL

RESIDENTIAL ACCESS FUNCTION
SITE SPECIFIC

STREET LIGHTING
IN ACCORDANCE WITH AUSTRALIAN STANDARD 1158.

SOUND ATTENUATION
SOUND ATTENUATION MEASURES SUCH AS MOUNDING, PLANTING AND / OR FENCING WILL 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 REQUIREMENTS.

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 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 CHANNEL INVERT.

STANDARD DRAWINGS
PA3 - 865 STANDARD KERBS AND CHANNELS
PA3 - 867 STANDARD SLOTTED P.V.C. PIPE SUB-SOIL DRAIN
PA3 - 773 STANDARD INVERT TYPE VEHICLE CROSSING FOR KERB AND CHANNEL
A2 - 500 STANDARD CONCRETE FOOTPATH

URBAN 3

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 12.9.06
PHONE (07) 4968 4477
FAX (07) 4944 2431

**ARTERIAL ROAD
CROSS SECTION**

ARTERIAL - TWO LANES UNDIVIDED (URBAN)

DRAWING No.
A3-3610

AMEND.

SHEET 1 OF 1