



**MINOR COLLECTOR STREET**

SCALE 1 : 100

ACCEPTABLE DESIGN SOLUTIONS (REFERENCE "QUEENSLAND STREETS")

TRAFFIC  
 MAXIMUM CATCHMENT 300 LOTS BASED ON 10 VPD PER SINGLE DWELLING RESIDENTIAL LOT.

FOOTPATHS / CYCLEPATHS  
 TYPICAL BOTH SIDES BUT VARIES WITH PEDESTRIAN / CYCLIST NETWORK REQUIRMENTS.

BUS STOP  
 KERB SIDE OR INDENTED BAY

DESIGN SPEED  
 MAXIMUM DESIGN SPEED 50 km/h

LONGITUDINAL GRADE  
 MAXIMUM GRADE 16%. MINIMUM GRADE 0.2%

VERGE  
 AT MANOEUVRING AREAS THE MINIMUM VERGE WIDTH AT THE SIDE AND END BOUNDARY IS 3.0 METRES. AT INDENTED PARKING BAYS THE MINIMUM VERGE WIDTH IS 2.5 METRES.  
 REFER TO QUEENSLAND STREETS & MCC PLAN PA3-870 FOR ALTERNATIVE TREATMENTS.

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.

RESIDENTIAL ACCESS FUNCTION  
 INDIVIDUAL ACCESS

INTERSECTION SPACING  
 AT SIXTY (60) METRE INTERVALS

SURFACING  
 ASPHALT - MINIMUM THICKNESS 35 mm UP TO 3 X 10<sup>5</sup> ESA'S 50 mm ABOVE 3 X 10<sup>5</sup> ESA'S UNDERLAID WITH 7mm PRIMERSEAL.

STREET LIGHTING  
 IN ACCORDANCE WITH AUSTRALIAN STANDARD 1158.

KERBING TYPE  
 MOUNTABLE KERB AND CHANNEL

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 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 9

DRAWING FILE NAME

\\MISC\ROAD HIERACHYA3-3601.DWG

NO.	DATE	DESCRIPTION	APPVD.
D	30/01/08	SURFACING & REFERENCE REVISED	GH
C	18/12/06	VERGE NOTES REVISED	GH
B	23/11/06	LINEMARKING & LANE NOTES REMOVED	GH
A	19/10/06	SURFACING REVISED	GH
AMENDMENTS AND REVISIONS			

DESIGNED  
 DRAWN  
 CHECKED  
 DATE 26/07/06

M.A.S. ORIGINAL SIGNED  
 BY G. HAWES  
 12/09/06  
 G. HAWES  
 RPEQ 5693

EXECUTIVE MANAGER  
 INFRASTRUCTURE SERVICES

ORIGINAL SIGNED BY S.M. HOLLEY

**MACKAY**  
 CITY COUNCIL

DATE 13/09/06  
 PHONE (07) 4968 4477  
 FAX (07) 4944 2431

STUART HOLLEY

**COLLECTOR STREET**

**CROSS SECTION**

MINOR COLLECTOR STREET (URBAN)

DRAWING No.  
**A3-3616**

AMEND. **D**

SHEET 1 OF 1