



**HIGHWAY (FOUR LANE DIVIDED)**

SCALE 1 : 200

ACCEPTABLE DESIGN SOLUTIONS (REFERENCE "DMR DESIGN GUIDELINES & AUSTRROADS")

TRAFFIC

VOLUMES NOT RESTRICTED

DESIGN SPEED

MAXIMUM DESIGN SPEED 100 km/h

LONGITUDINAL GRADE

MAXIMUM GRADE 16%. MINIMUM GRADE 0.2%

SURFACING

16 & 10 mm TWO COAT BITUMEN SEAL

RESIDENTIAL ACCESS FUNCTION

NIL

STREET LIGHTING

IN ACCORDANCE WITH AUSTRALIAN STANDARD 1158.

INTERSECTIONS

4 - 8 KILOMETRE INTERSECTION 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 FLOWS IN EXCESS OF THE MAJOR STORM TO HAVE A POSITIVE RELIEF OUTLET.  
 LONGITUDINAL FLOWS ARE TO BE CONTAINED WITHIN THE TABLE DRAIN.

GUIDEPOSTS

GUIDEPOST MATERIALS & ERECTION SPECIFIED IN C263. SPACING AS OUTLINED IN MUCTD.

STANDARD DRAWINGS

PA3 - 865 STANDARD KERBS AND CHANNELS  
 PA3 - 867 STANDARD SLOTTED P.V.C. PIPE SUB-SOIL DRAIN.

RURAL 1

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**

HIGHWAY - FOUR LANE DIVIDED (RURAL)

DRAWING No.  
**A3-3601**

AMEND.  
 SHEET 1 OF 1