



MAJOR COLLECTOR STREET - DIVIDED
SCALE 1 : 100

TABLE 1	
(A)	24 m ROAD RESERVE (min) WHERE NO DIRECT LOT ACCESS. 27 m ROAD RESERVE (min) WHERE DIRECT CONSOLIDATED LOT ACCESS APPROVED.
(B)	1.5 m SHOULDER (min) WHERE NO DIRECT LOT ACCESS. 3.0 m SHOULDER (min) WHERE DIRECT CONSOLIDATED LOT ACCESS APPROVED.

ACCEPTABLE DESIGN SOLUTIONS (REFERENCE "ENGINEERING DESIGN GUIDELINES")

TRAFFIC

MAXIMUM CATCHMENT 600 LOTS BASED ON 10 VPD PER SINGLE DWELLING RESIDENTIAL LOT.

FOOTPATHS / CYCLEPATHS

TYPICAL BOTH SIDE BUT VARIES WITH PEDESTRIAN / CYCLIST NETWORK REQUIRMENTS.

BUS STOP

CLEAR OF TRAFFIC LANES

DESIGN SPEED

MAXIMUM DESIGN SPEED 60 km/h

LONGITUDINAL GRADE

MAXIMUM GRADE 16%. MINIMUM GRADE 0.2%

VERGE

REFER TO QUEENSLAND STREETS & MCC PLAN PA3-870 FOR ALTERNATIVE TREATMENTS.

SURFACING

ASPHALT - MINIMUM THICKNESS 35 mm. UP TO 2 X 10⁵ ESA'S 50 mm ABOVE 3 X 10⁵ ESA'S UNDERLAID WITH 7mm PRIMERSEAL

KERBING TYPE

BARRIER KERB & CHANNEL
MEDIAN KERB

RESIDENTIAL ACCESS FUNCTION

(REFER TABLE 1)

STREET LIGHTING

IN ACCORDANCE WITH AUSTRALIAN STANDARD 1158.

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 ONE HUNDRED (100) 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 ARE STORM 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 7

DRAWING FILE NAME

\\MISC\ROAD HIERACHYA3-3601.DWG

NO.	DATE	DESCRIPTION	APPVD.
A	30/01/08	SURFACING REVISED	CH
AMENDMENTS AND REVISIONS			

DESIGNED
DRAWN
CHECKED
DATE 11/08/06

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
STUART HOLLEY

DATE 13/09/06

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

MACKAY
CITY COUNCIL

**COLLECTOR STREET
CROSS SECTION**

MAJOR COLLECTOR STREET - DIVIDED (URBAN)

DRAWING No.
A3-3614

AMEND. **A**

SHEET 1 OF 1