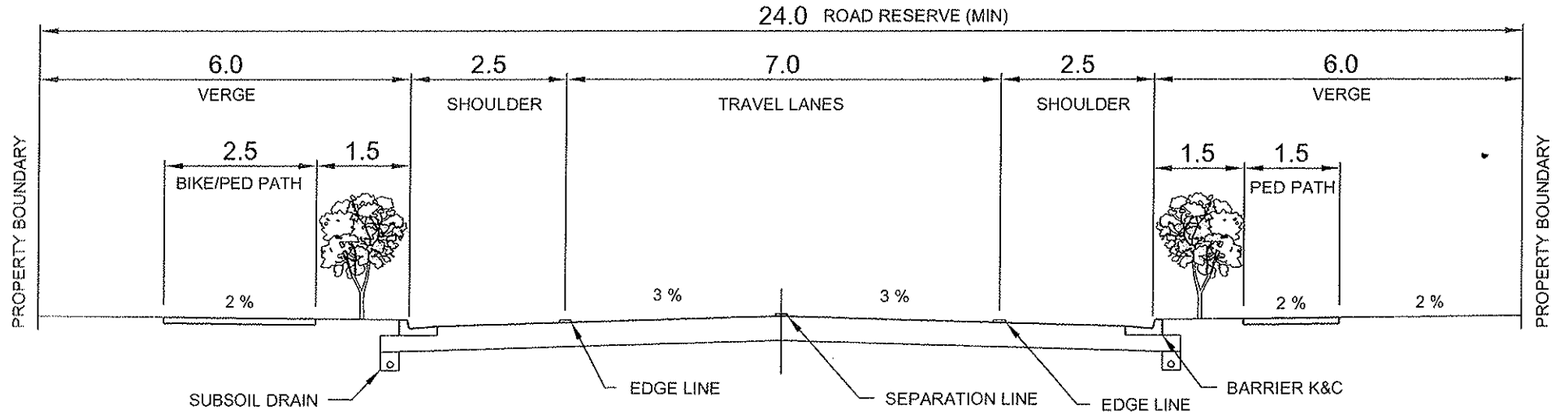

MAJOR COLLECTOR STREET - UNDIVIDED

SCALE 1 : 100

ACCEPTABLE DESIGN SOLUTIONS (REFERENCE "QUEENSLAND STREETS")

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
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.

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

KERBING TYPE
BARRIER KERB & CHANNEL

RESIDENTIAL ACCESS FUNCTION
CONSOLIDATED

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 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 8

DRAWING FILE NAME
\MISC\ROAD HIERACHY\A3-3601.DWG

NO.	DATE	DESCRIPTION	APPVD.
C	30/01/08	SURFACING & REFERENCE REVISED	GH
B	18/12/06	VREGE NOTES REVISED	G.H.
A	19/10/06	SURFACING REVISED	G.H.

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

MACKAY CITY COUNCIL

EXECUTIVE MANAGER
INFRASTRUCTURE SERVICES
ORIGINAL SIGNED BY S.M. HOLLEY
STUART HOLLEY
DATE 13/09/06
PHONE (07) 4968 4477
FAX (07) 4944 2431

COLLECTOR STREET
CROSS SECTION
MAJOR COLLECTOR STREET - UNDIVIDED (URBAN)

DRAWING No.
A3-3615
AMEND. C
SHEET 1 OF 1