ACCEPTABLE DESIGN SOLUTIONS  (REFERENCE "ENGINEERING DESIGN GUIDELINES")

TRAFFIC
MAXIMUM CATCHMENT 15 LOTS BASED ON 10 VPD PER SINGLE DWELLING RESIDENTIAL LOT.

PARKING
PARKING TO BE PROVIDED ON THE CARRIAGEWAY OR WITH INDENTED BAYS, REFER TO QUEENSLAND STREETS SECTION 2.4 & AUSTROADS "GUIDE TO TRAFFIC ENGINEERING PRACTICE PART 11 - PARKING.

FOOTPATHS / CYCLEPATHS
ONLY REQUIRED IF PART OF PEDESTRIAN CYCLIST NETWORK REQUIREMENTS.

DESIGN SPEED
MAXIMUM DESIGN SPEED 25 km/h

LONGITUDINAL GRADE
MAXIMUM GRADE 16% - MINIMUM GRADE 0.3%

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 REQUIREMENTS.

RESIDENTIAL ACCESS FUNCTION
INDIVIDUAL ACCESS

SURFACING
ASPHALT - MINIMUM THICKNESS 30 mm. UNDERLAI D 7mm PRIMER SEAL.

STREET LIGHTING
IN ACCORDANCE WITH AUSTRALIAN STANDARD 1158.

KERBING TYPE
MOUNTABLE KERBS 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 KERBS AND CHANNEL
A2 - 506 STANDARD CONCRETE FOOTPATH

LOCAL STREET CROSS SECTION
ACCESS PLACE (URBAN)

MACKAY CITY COUNCIL
EXECUTIVE MANAGER INFRASTRUCTURE SERVICES
ORIGINAL SIGNED BY S.M. HOLLEY
STUART HOLLEY

M.M.A.S. ORIGINAL SIGNED BY G. HAWES
12/09/06 G. HAWES RPEQ 5989

DESIGNED DRAWN CHECKED DATE
B 18/12/06 VERGE NOTES REVISED 26/07/06
A 29/11/06 LANE NOTES REMOVED G.H.

NO. DATE DESCRIPTION APP.VD.

AMENDMENTS AND REVISIONS

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