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 REQUIREMENTS.

BUS STOP
KERB SIDE OR INDENTED BAY

DESIGN SPEED
MAXIMUM DESIGN SPEED 50 km/h

LONGITUDINAL GRADE
MAXIMUM GRADE 10%, 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 REQUIREMENTS.

RESIDENTIAL ACCESS FUNCTION
INDIVIDUAL ACCESS

INTERSECTION SPACING
AT SIXTY (60) METRE INTERVALS

SURFACING
ASPHALT - MINIMUM THICKNESS 35 mm UP TO 3 X 10 \( \frac{ESAs}{ESAs} \) 50 mm ABOVE 3 X 10 \( \frac{ESAs}{ESAs} \) UNDERLAIW WITH 7mm PRIMER SEAL.

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 - 687 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

COLLECTOR STREET
CROSS SECTION
MINOR COLLECTOR STREET (URBAN)

MACKAY CITY COUNCIL
EXECUTIVE MANAGER INFRASTRUCTURE SERVICES
ORIGINAL SIGNED BY S.M. HOLLEY
STUART HOLLEY
DATE 13/06/06
PHONE (07) 4988 4477
FAX (07) 4944 2431

D 30/01/06 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
NO. DATE DESCRIPTION APPVd.

AMENDMENTS AND REVISIONS

DRAWING No. A3-3616
AMEND. D
SHEET 1 OF 1