ACCESS STREET

SCALE 1 : 100

ACCEPTABLE DESIGN SOLUTIONS. (REFERENCE “ENGINEERING DESIGN GUIDELINES”)

TRAFFIC
MAXIMUM CATCHMENT 75 LOTS BASED ON 10 VPD PER SINGLE DWELLING RESIDENTIAL LOT.

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

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

DESIGN SPEED
MAXIMUM DESIGN SPEED 40 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 INDIENED PARKING BAYS THE MINIMUM VERGE WIDTH IS 2.5 METRES. REFER TO QUEENSLAND STREETS & MGC 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 WITH 7mm PRIMERSEAL.

STREET LIGHTING
IN ACCORDANCE WITH AUSTRALIAN STANDARD 1159.

KERBING TYPE
MONTABLE 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 - 867 STANDARD SLOTTED PVC PIPE SUB-SOIL DRAIN
PA3 - 773 STANDARD INVERT TYPE VEHICLE CROSSING FOR KERBS AND CHANNEL
A2 - 500 STANDARD CONCRETE FOOTPATH

LOCAL STREET
CROSS SECTION
ACCESS STREET (URBAN)

MACKAY CITY COUNCIL
EXECUTIVE MANAGER
INFRASTRUCTURE SERVICES
ORIGINAL SIGNED BY S.M. HOLLEY
STUART HOLLEY
DATE 13/06/06
PHONE (07) 4968 4477
FAX (07) 4964 2431

MISC/RD HIERARCHY/A3-3617.DWG

DRAWN
CHECKED
DATE 26/07/06
DESIGNER
M.A.S. ORIGINAL SIGNED BY G. HAWES
G. HAWES
RPEQ 5683

AMEND. B
AMENDMENTS AND REVISIONS

DRAWING No.
A3-3617

SHEET 1 OF 1