CONTROLLED DISTRIBUTOR (DIVIDED)

ACCEPTABLE DESIGN SOLUTIONS (REFERENCE "ENGINEERING DESIGN GUIDELINES")

TRAFFIC
MAXIMUM CATCHMENT 1000 LOTS BASED ON 10 VPD PER SINGLE DWELLING RESIDENTIAL LOT.

PARKING
PARKING TO BE PROVIDED ON CARRIAGEWAY.

FOOTPATHS / CYCLEPATHS
TYPICAL BOTH SIDES BUT VARIES WITH PEDESTRIAN / CYCLIST NETWORK REQUIREMENTS.

BUS STOP
INDENTED, CLEAR OF TRAFFIC LANES

DESIGN SPEED
MAXIMUM DESIGN SPEED 70 km/h

LONGITUDINAL GRADE
MAXIMUM GRADE 16%, MINIMUM GRADE 0.2%

SURFACING
ASPHALT - MINIMUM THICKNESS 50 mm, UNDERLAI WITH 7mm PRIMER SEAL.

KERBING TYPE
BARRIER KERB & CHANNEL
MEDIAN KERB

RESIDENTIAL ACCESS FUNCTION
ACCEPTED WITH CONDITIONS

URBAN 5

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 15 - FOOTPATH
PLANTING & MAINTENANCE REQUIREMENTS.

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 THREE HUNDRED (300)
METRE SPACING.

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

\MISC\ROAD HIERARCHY\A3-3601.DWG

MACKAY CITY COUNCIL
SUB ARTERIAL CROSS SECTION
CONTROLLED DISTRIBUTOR - DIVIDED (URBAN)

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

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

DRAWING No.
A3-3612
AMEND. A
SHEET 1 OF 1