CONTROLLED DISTRIBUTOR (UNDIVIDED)

SCALE 1 : 100

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 UNDERLAIb WITH 7mm PRIMERSEAL.

KERBING TYPE
BARRIER KERB & CHANNEL

RESIDENTIAL ACCESS FUNCTION
ACCEPTED WITH CONDITIONS

STREET LIGHTING
IN ACCORDANCE WITH AUSTRALIAN STANDARD 1158.

SOUND ATTENUATION
SOUND ATTENUATION MEASURES SUCH AS MOUNTING, 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 REQUIREMENTS.

INTERSECTIONS
INTERSECTIONS WITH ARTERIAL OR COLLECTOR ROADS WILL GENERALLY REQUIRE RIGHT TURN, DECELERATION, AND PASSING LINES 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 KERB 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

MACKAY CITY COUNCIL

SUB ARTERIAL ROAD CROSS SECTION
CONTROLLED DISTRIBUTOR - UNDIVIDED (URBAN)

AMEND.
MACKAY CITY COUNCIL

EXECUTIVE MANAGER INFRASTRUCTURE SERVICES

M.A.S.
G. HAWES

DESIGNED
DRAWN
CHECKED
DATE
P. G. HAWES

26/07/06
APPO

NO. DATE DESCRIPTION APPVD

AMENDMENTS AND REVISIONS

D. B. HAVEN

JULIE RILEY

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

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