



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 REQUIRMENTS.

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. UNDERLAID 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 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 1.5 - FOOTPATH PLANTING & MAINTENANCE REQUIRMENTS.

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 SPACINGS.

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

URBAN 6

DRAWING FILE NAME

\\MISC\ROAD HIERACHY\A3-3601.DWG

NO.	DATE	DESCRIPTION	APPVD.
AMENDMENTS AND REVISIONS			

DESIGNED
DRAWN
CHECKED
DATE 26/07/06

M.A.S. *G. Hawes*
12/9/06 G. HAWES
RPEQ 5693

EXECUTIVE MANAGER
INFRASTRUCTURE SERVICES

S.M. Holley
STUART HOLLEY

MACKAY
CITY COUNCIL

DATE 13.9.06
PHONE (07) 4968 4477
FAX (07) 4944 2431

SUB ARTERIAL ROAD

CROSS SECTION

CONTROLLED DISTRIBUTOR - UNDIVIDED (URBAN)

DRAWING No.
A3-3613

AMEND.
SHEET 1 OF 1