MAJOR COLLECTOR STREET - UNDIVIDED

SCALE 1:100

ACCEPTABLE DESIGN SOLUTIONS (REFERENCE "QUEENSLAND STREETS")

TRAFFIC
MAXIMUM CATCHMENT 600 LOTS BASED ON 10 VPD PER SINGLE DWELLING RESIDENTIAL LOT.

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

BUS STOP
CLEAR OF TRAFFIC LANES

DESIGN SPEED
MAXIMUM DESIGN SPEED 60 km/h

LONGITUDINAL GRADE
MAXIMUM GRADE 16%, MINIMUM GRADE 0.2%

VERGE
AT MANOEUVRING AREAS THE MINIMUM VERGE WIDTH AT THE SIDE AND END BOUNDARY IS 3.0 METRES AT INDEDENT PARKING BAYS THE MINIMUM VERGE WIDTH IS 2.5 METRES. REFER TO QUEENSLAND STREETS & MCC PLAN PA3-870 FOR ALTERNATIVE TREATMENTS.

SURFACING
ASPHALT - MINIMUM THICKNESS 35 mm UP TO 3 X 10 ESAS 50 mm ABOVE 3 X 10 ESAS. UNDERLAI WITH 7MM PRIMERSEAL.

KERBING TYPE
BARRIER KERB & CHANNEL

RESIDENTIAL ACCESS FUNCTION
CONSOLIDATED

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 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 ONE HUNDRED (100) 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 - 867 STANDARD KERBS AND CHANNELS
PA3 - 865 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

DRAWN
G.H.

CHECKED
G.H.

M.A.S.
BY G. HAWES

APPROVED

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

STUART HOLLEY

DATE
13/9/06

PHONE (07) 4968 4477
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COLLECTOR STREET
CROSS SECTION

MAJOR COLLECTOR STREET - UNDIVIDED (URBAN)

DRAWING No.
A3-3615

AMEND
C

SHEET 1 OF 1