MAJOR COLLECTOR STREET - DIVIDED

SCALE: 1:100

ACCEPtable DESIGN SOLUTIONS: (REFERENCE "ENGINEERING DESIGN GUIDELINES")

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
REFER TO QUEENSLAND STREETS & MCC PLAN PA3-870 FOR ALTERNATIVE TREATMENTS.

SURFACING
ASPHALT - MINIMUM THICKNESS 35 mm, UP TO 2 X 10. ESA'S 50 mm ABOVE 3 X 10 ESA'S UNDERLAIW WITH 7mm PRIMERSEAL

KERBING TYPE
BARRIER KERB & CHANNEL
MIDNED KERB

RESIDENTIAL ACCESS FUNCTION
(REFER TABLE 1)

URBAN 7

DRAWING FILE NAME
STREET LIGHTING
IN ACCORDANCE WITH AUSTRALIAN STANDARD 1158

WMIS/ROAD HIERARCHY A3-3601.DWG

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 ALLLOTMENT 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 WITHARTERIAL OR COLLECTOR ROADS WILL GENERALLY REQUIRE RIGHT TURN DECELERATION, AND PASSING LAKES 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 ARE STORM TO HAVE A POSITIVE RELIEF OUTLET.

DIMENSIONS
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

COLLECTOR STREET CROSS SECTION
MAJOR COLLECTOR STREET - DIVIDED (URBAN)