1. **Stormwater Side Drain**

1.1 Minimum longitudinal section is 0.67%.

1.2 Maximum longitudinal slope should be such that flow velocities do not exceed 3.5 m/s.

1.3 Maximum depth for Type 4 and 5 side drains is 500mm, other types as indicated.

1.4 Unlined side drains are only permitted where the flow velocity is less than 1.5 m/s for minor storm (1:2 year recurrence interval).

1.5 If not possible to limit flow velocities in side drains to 3.5 m/s, or available space within the road reserve restricts the construction of the required size Type 5 side drain, pipes or culverts must be installed.

1.6 Soft board filled joints (10mm) to be provided at max. 3m centres.

1.7 This drawing only indicates the detail of side drains and does not limit the use of pipe or box culverts, if so required by the design considerations.