These layouts are not definitive, they are intended to illustrate the type of solutions that can be adopted to achieve an economic drainage system. Gullies should be untrapped, unless carrier drain is combined drain.

URBAN ROAD

Manholes to be located wherever possible in the centre of the nearside lane

At layby, crossfall fall from kerb to carriageway

Triple gully (minimum) at sag point

Connections to carrier drain by manhole or 'Y' junction/soadle connection

Gulleys discharge into stepped channel in embankment drainage

REF. REVISION SIGNATURE DATE

MH MH MH MH CP CP CP CP

RURAL DUAL CARRIAGEWAY

MH denotes manhole; CP denotes sumped catchpit