

- C. Unless otherwise shown on the Drawings, protect the pipes passing through a concrete wall or structure with a surround of concrete Class 'B' integral with the external face(s) of the structure.
1. For pipes of less than 500mm diameter, extend the surround from the wall or structure by 300mm, and extend the width and depth of the surround beyond the outside face of the pipe at its horizontal and vertical diameters by a minimum of 300mm or as otherwise indicated on the Drawings.
 2. For pipes of 500mm diameter or greater, extend the surround from the wall or structure by 500mm, and extend the width and depth of the surround beyond the outside face of the pipe at its horizontal and vertical diameters by 500mm or as otherwise indicated on the Drawings.
- D. On spigot and socket pipelines except those of RC, GRP or other plastic materials the socket end of the pipe passing through the wall shall be flush with the outside face of the concrete surround. On spigot and socket pipelines of GRP or other plastic materials the socket end of the pipe passing through the wall shall protrude 300mm from the concrete surround. A protective synthetic rubber strip 6mm thick and 150mm wide shall be provided around the pipe at the limit of the concrete surround as shown on the Drawings. The length of the RC spigot and socket pipeline passing through the wall shall be 1500mm measured from the inside face of the wall. A flexible neoprene rubber or mastic filler shall be provided around the pipe at the limit of the concrete surround as shown on the Drawings.
- E. Use a short length of either spigot and socket or double spigot as the first pipe that is clear of concrete surround beyond the external face of a concrete wall or structure to suit the flow direction and pipe material. Use a short pipe with length of 1.5 times the nominal internal diameter or 600mm whichever is the greater. For reinforced concrete pipes, the effective length of this pipe shall be 1500mm for pipes smaller than or equal to 1200mm diameter and 3000mm for pipes larger than 1200mm diameter.
- F. Backfill with concrete Class 'C' to the formation level of the pipe trench, any over excavation adjacent to a structure and beneath the formation level of a pipe trench to be constructed, to make a connection to a plugged or capped pipe laid.