

2.2 Hydrology

The River Wall must be designed to survive all water and debris forces in accordance with AS 5100 and must be designed to minimise the potential of scouring affects. The impact of climate change during the structures design life are to be assessed and taken in to account in assessing the tide height, flood levels and water velocities.

2.3 Applied Loads

The applied loads are to be assessed in accordance with the relevant standards including but not limited to AS 5100, AS 4678 and AS 1170.

2.4 Concrete Durability

Minimum concrete strength and associated nominated concrete cover thickness must comply with the relevant Australian Standards.

2.5 Rip-Rap Durability

Rip-Rap must comprise of suitable rock with a nominal diameter greater than 450mm.

2.6 Barriers

If there is a possible risk where a member of the public may fall from a height, pedestrians, bicycle and/or vehicle barriers may be needed. If so the barriers, fixings and support structured must be design in accordance with all relevant Australian Standards.

2.7 Public Utilities and Service Providers

Any service line that runs parallel to the River Wall must maintain a clearance of 1.5M to the nearest face of the structure.