

Specification for culverts

1. All dimensions are in centimeters unless otherwise specified.
2. If rounded stone from a river or other sources is used, it shall not comprise of more than 30 % of the total volume of stone and shall be evenly distributed throughout the wall.
3. All masonry work should be pointed.
4. Angle and length of wing walls should be adjusted by the Engineer as per site conditions.
5. Refer to the bar schedule for the length and shape of reinforcement.
6. Concrete mix shall be proportioned by volume with a water /cement ratio of not more than 0.45.
7. The culvert should be constructed with a fall of (2-4) %.
8. Weep holes should be considered in abutments
9. All small concrete elements use concrete mixer if possible. If not a proper place should be prepared for mixing concrete to not lose the water and run outside.