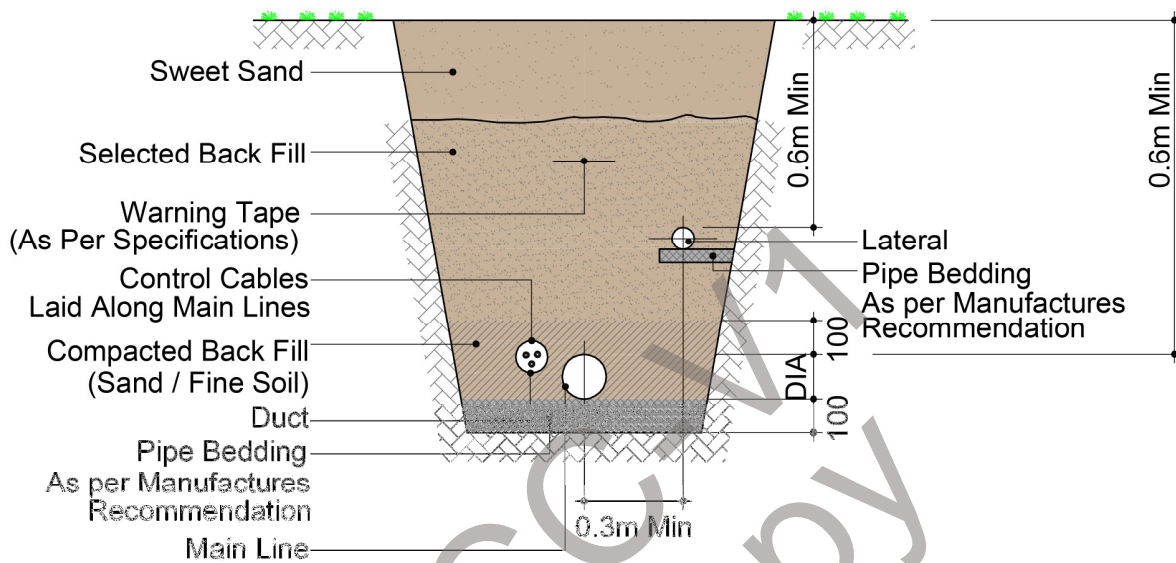


Figure 12: Typical Details of Irrigation Corridor



The irrigation corridor shall be located within the Median or edge of the pavement preferably near the landscaping and tree corridors. The irrigation corridor shall not be located under the carriageway.

4.4.3 Water Supply Systems

The water supply systems consist of different types of water pipes (mains, lines) that carry water from main reservoir or source to required destinations. The design of the distribution water lines will be in accordance with ADWEA/ADDC/AADC standards and typical design details, whereas, the design of the transmission lines will be based on the TRANSCO design standards.

The water supply systems shall be installed accurately in straight lines with proprietary fittings used at any change in direction or level. All socket pipes shall be laid with the sockets facing upstream. All pipes shall be fully supported at the intervals and pipe mounting shall be used in strict accordance with the recommendations of the pipe manufacturer.

Associated to the potable water supply systems, the corridor width of the water supply corridor is dependent on the type and diameter of the pipe that will carry the water supply. In case of Main roads, the TRANSCO pipe corridor width requirements for different water transmission lines will be as follows:

- Pipelines of 600mm – 1000mm diameter will be 3m apart from edge of any road/plot/construction of others and shall require a minimum corridor width of 6m for single line and 9m for a twin line system.
- Pipelines of 1200mm – 1600mm diameter will be 5m apart from edge of any road/plot/construction of others and shall require a minimum corridor width of 10m for single line and 15m for a twin line system.