D. Side supports shall be similarly constructed and placed not greater than 3m apart. The pipe store shall allow for circulation of air.

E. Pipes shall be transported on the site properly supported on a flatbed trailer and shall never be dropped or dragged along the ground.

F. Joint sealing rings shall be stored inside closed boxes in a shaded place and during installation shall not be exposed to sunlight for more than a few days.

26.4.5.2 Installation

A. Install pipe, fittings, and accessories in accordance with BS 8010 and manufacturer's instructions. Seal joints watertight.

B. Lay pipe to slope gradients noted on drawings with maximum variation from true slope of 3mm in 3m.

C. Refer to Section 02225 for trenching requirements. Do not displace or damage pipe when compacting.

D. Refer to Section 02607 for manhole requirements.

E. Install colour marking tape continuous over top of pipe, 300mm below finish grade, above pipeline.

F. Ensure that the dewatering arrangement for the high ground water table areas are properly connected and working at all time.

G. Lay pipes generally from downstream end to upstream end.

H. Lay each pipe accurately to line and gradient. Ensure that the finished pipeline is in a straight line both in horizontal and vertical planes. Obtain satisfactory initial deflection test results in this section prior to commencement of pipe laying in further sections. Do not use steel pins driven into the trench formation.

I. Provide an approved independent laboratory to carry out tests by sand cone method to determine the insitu density of the pipe bedding material as instructed by the Engineer.

J. Form cut-off walls or barriers in granular bedding and/or surround to pipes to prevent the bedding acting as a sub-soil drain. Provide barriers at suitable locations along the length of a pipeline and at manholes or chambers. Ensure that the maximum spacing is 50 metres. Use concrete barriers of class ‘C’ concrete installed across the full cross section of the granular bedding. Provide concrete barrier of at least 300mm in length along the axis of the pipelines. Pipe