

Download Design And Construction Of Sewer Network

Chapter 4 Design of Sewers 4.1. Design of sanitary sewer systems Public sanitary sewers perform two primary functions: Safely carry the design peak discharge, Transport suspended materials to prevent deposition in the sewer. In designing a sewer system, the designer must conduct preliminary investigations, Design and construction of sewer 1. Group Members: Sharmistha, 151 Shikshita, 152 Shrijan, 153 Shubham, 154 Siddhi, 155 Sital, 156 Tutor: Asst. Prof. Shukra Raj Paudel Department of Civil Engineering IOE, Tribhuvan University 2018-07-30 3.0 DESIGN AND CONSTRUCTION OF SEWERS Design of Sewer System. Sewer. It is the pipe or conduit for carrying sewage. It is generally closed and flow takes place under gravity (Atmospheric Pressure). Design of Sewer System. Sewerage. Sewerage is the system of collection of waste water and conveying it to a point of final disposal with or without treatment. Design of Sewer System Depending on the number of properties that are served by the drain or sewer and the diameter of the main public sewer, connections can be made to: An existing public sewer manhole. A new manhole constructed on the public sewer. By the installation of a pre-formed oblique junction, matching the main sewer material, using proprietary couplings.