

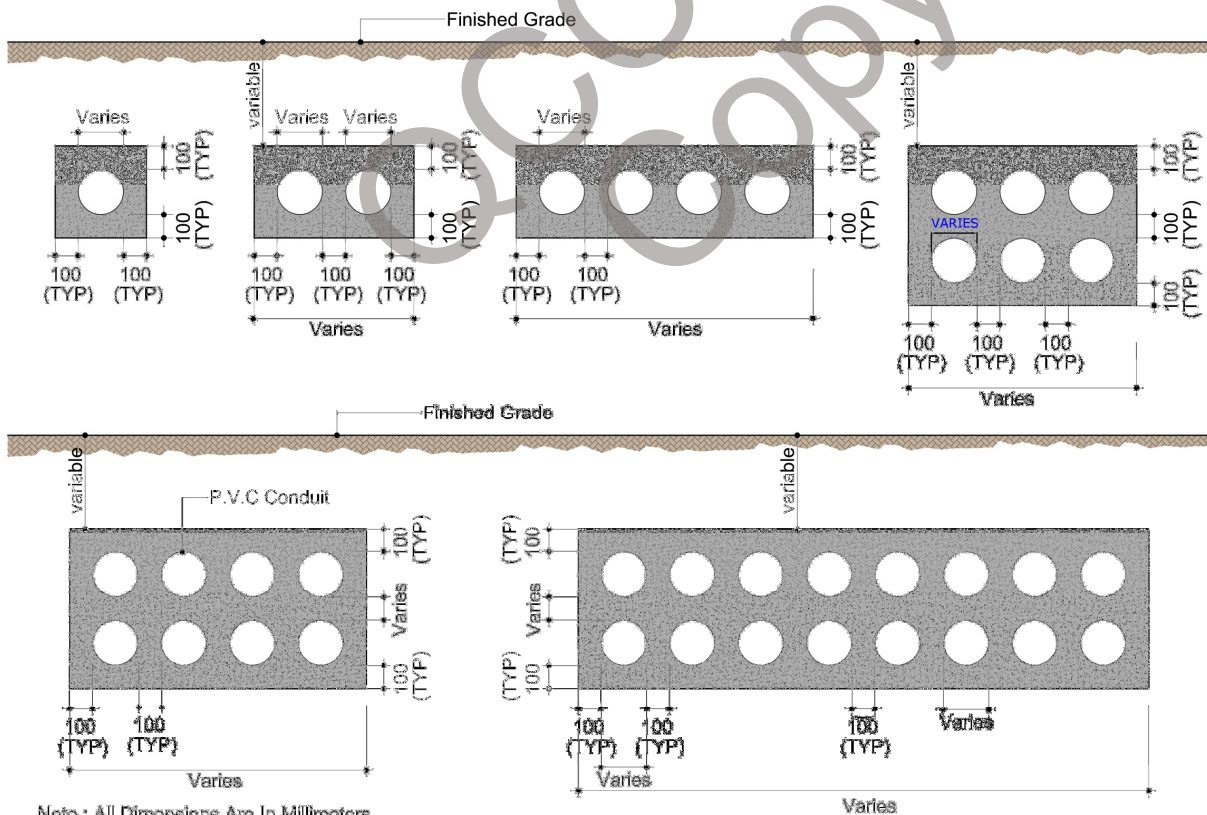
## 4.6 Spare Ducts

The spare ducts are separate from the ducts that are installed by other SAUP. These ducts are provided by DoT and are to be provided:

1. during the planning of the new roads, or
2. where road modifications such as widening or upgrading warrant for additional ducts.

The spare ducts are provided at all crossover points such as intersections and mid blocks along the road. The installed spare ducts can be two ways or more, and shall be spaced at 0.5m to 0.75m on main roads. For further details refer to DoT Standard Drawings. Typical details of one way, 2 way and other types of spare ducts are presented in Figure 27. These spare ducts are to be used for main roads on need and case by case basis, where it is required to provide similar ducts for future crossing.

**Figure 27: Typical Details of different types of Spare Ducts**



Details of spare ducts for other SAUP are presented in **Annexure 2**.