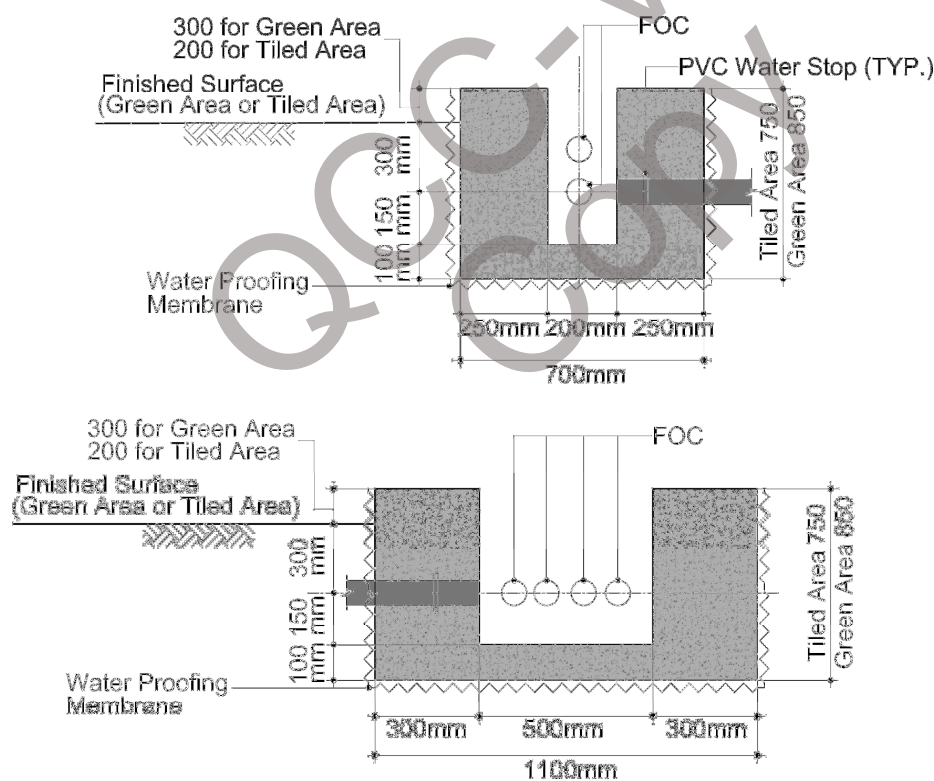


The corridor depth for FOC is based on the requirements that are established by various SAUP such as TRANSCO and ADWEA. Therefore, based on the status and/or specific situation(s) the relevant authority will decide on the depth. However, TRANSCO has priority as the corridor owner of the main line within the ROW. Thus, the arrangement of laying fibre optic cables shall be as per the standards approved by ADDC/AADC/DMS. FOC shall be laid through separate PVC conduit(s) along one side of the service corridor in parallel to the power cable (if in the same trench). This is for ease of construction of the cable pulling pit and to avoid crossing with power cables. FOC within cities shall be laid in separate PVC conduits, at the same depth of the power cable / pipe lines adjacent to them. Figure 22 illustrates typical arrangements for FOC. For further details, refer **Annexure 2**.

Figure 22: Typical Arrangements for FOC



4.4.10 Falcon Eye System

Security camera poles for the Falcon Eye (FE) system, where required, shall be located along the corridor dedicated for street lighting / trees. The locations of the poles shall be given priority / precedence over trees and lighting poles and coordinated with National Emergency Crises and Disasters Management Authority. When placed within the street lighting / trees corridor, a minimum of two pass through conduits shall be provided within the manhole and pile foundation of the pole of FE system to secure passage for the street lighting cables. Certain typical dimensions and details of a security camera pole are presented in Figure 23.