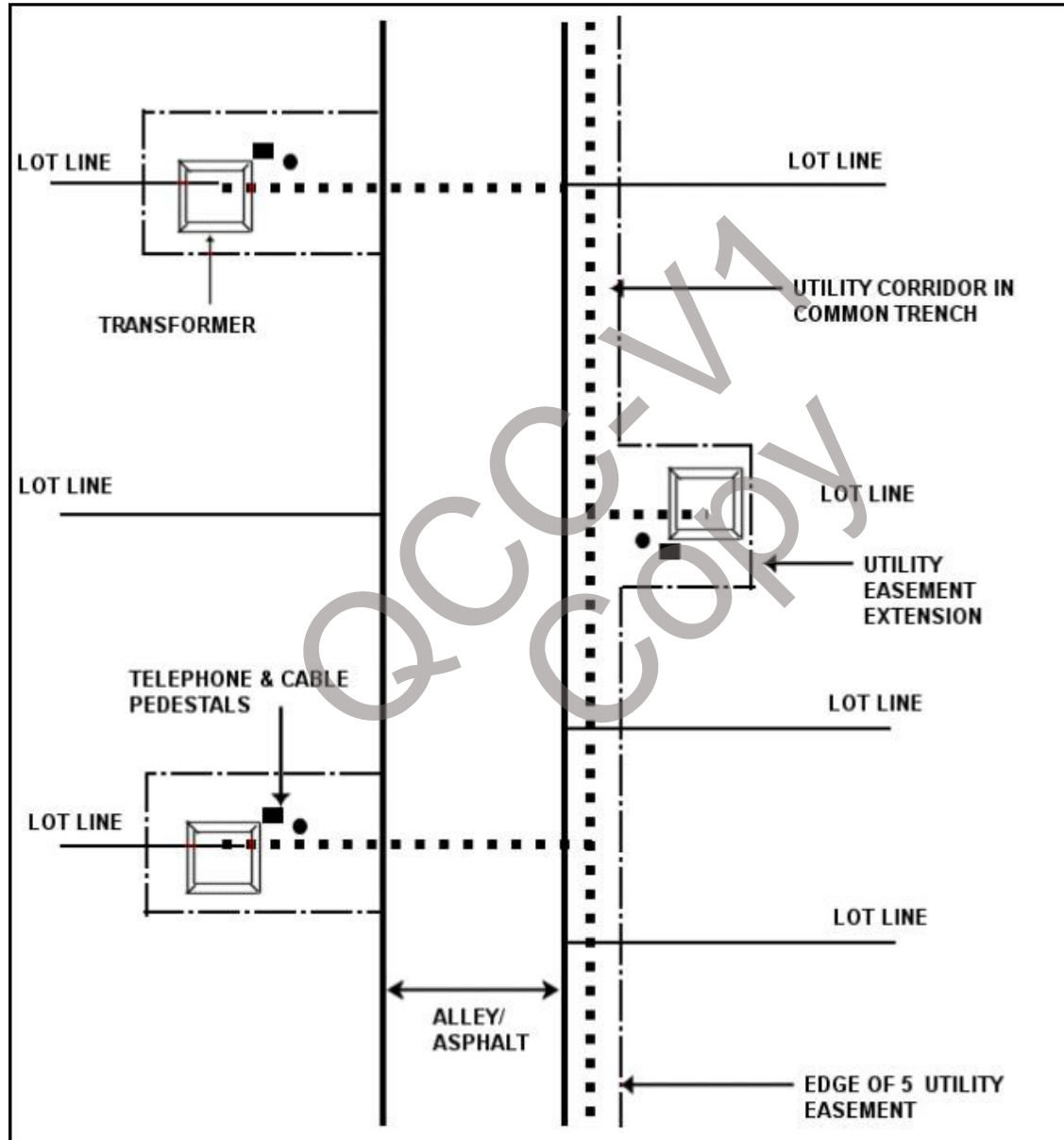


Figure 32: Example of a Utility Easement



5.3.4 Utility Tunnels

Utility tunnels are concrete boxes and are widely used in major cities to house various underground utility cables and pipes e.g. chilled water piping, compressed air piping, telephone and data systems, electrical cables and other systems as applicable. Because they are always placed below grade, they are subject to moisture and have to be properly coated against corrosion. Lack of protection could lead to potential failure and collapse of the tunnel.

These tunnels may be rectangular or circular in shape and can be constructed using various techniques including cut and cover or excavated by utilising a tunnel boring machine.