

ROAD RESERVE ALLOCATION FOR UTILITY PROVIDERS IN NARROW ROADS - GENERAL NOTES

1. The designers of narrow road reserves are obliged to consider the relationship of all utility services, surfaces and furniture with each other. The corridors shown in this diagram can only be varied with approval from all affected utility service providers.
2. All measurements generally relate to the distance from the property line on each side of the road reserve unless otherwise specified.
3. Access chambers may extend into the trees and lights corridor.
4. In general, no underground utility service shall exceed a nominal 300mm diameter within the 0-3.0 metre corridor. Larger utility services may be located within this corridor following negotiation and approval of other utility providers.
5. Reticulation & irrigation mains are to be located beyond the 3.0 metre alignment.
6. For narrow reserves with a wide road surface, the verge space available may be insufficient for trees while maintaining minimum clearances from other utility services.
7. Provision of an alignment for water distribution mains and other trunk services can be placed adjacent to the sewer, if the required space is available.
8. Cover, bedding and backfill are to be in accordance with utility provider's requirements and the requirements specified in *Book 1000*.
9. For stormwater and sewers:
 - 9.1. Access chambers and maintenance shafts should be positioned in the sewer corridor. Alternatively they may need to be positioned in the road surface.
 - 9.2. The minimum distance from the pipe to the property boundary shall be 1.0 metres.
 - 9.3. Access chambers and maintenance shafts should be clear of the kerb.
 - 9.4. The minimum cover to sewer shall be 0.9 metre.
10. All pits shall be totally contained within the utility service corridor except where approved by the utility service provider whose alignment is encroached upon. This may require staggering of pits.
11. Underground power cables may be installed on the 2.4-3.0 metre alignment, where there are installation and maintenance issues adjacent to retaining walls in the 0-0.5 metre corridor provided it is acceptable to other Utility Service Providers and doesn't interfere with street trees.
12. Service allocation in the 3.0-4.2 alignment shall be by agreement with nominated utility providers.
13. This Design and Construction Note has been prepared in reference to *Utility Providers Code of Practice for WA* (UPSC 2021).
14. Always dial: 1100 before you dig to check what services are located in the area you are working in.