

A1 & A2 General Design Requirements



The purpose and intent of the Technical Specifications is to provide guidelines for design and construction of civil infrastructure on Sydney streets on behalf of the City of Sydney (the City), including written specifications and standard drawings to obtain high-quality design and construction.

The Technical Specifications are primarily to be used by developers, construction companies and designers on civil infrastructure projects with specific focus on:

- Footways
- Kerb and Gutter
- Roadways
- Street Furniture
- Street Lighting
- Road Signage and Pavement Markings
- Stormwater Drainage
- Survey Marks
- Pavement Restorations

Notably excluded from this document are guidelines for the design and construction of public buildings, landscaping and parks, which are also owned and managed by the City.

The Sydney street design is directly related to traffic needs and specifically:

- Streets, intersections, driveways and pedestrian facilities shall be designed to provide for the greatest safety for motorists, pedestrians and cyclists.
- Accessibility shall be provided in accordance with the requirements of the Disabilities Act.

The design details and criteria are intended to aid in preparation of plans and specifications and are considered minimum standards; a complete design will usually require more than what is presented in this document.

As with any design criteria, occasions may arise where the minimum standards are inappropriate. In these cases, a variance shall be considered. Written request for each variance should be directed to the City.

Prior to the Service Provider beginning work, an approved set of plans and specifications must be on file with the City. All contracts, bonds, insurance, permits and licences must be fully executed by the Service Provider before beginning work.

The City's review and approval:

- will only be to determine if the plans, specifications and construction conform to the City's requirements
- will not relieve the Design Professional and Service Provider/Owner from responsibility for any variation from the City requirements or adequate design standards
- shall not constitute any assumption of responsibility or liability for the design or construction.

No permits for construction will be issued until the design documents have been certified by a registered professional.

All design and construction within public domain works shall be by or under the direct supervision of a registered professional. All drawings and support data submitted to the City for approval must bear their seal and signature.