



Section 9: Furniture and fixtures

Sutherland Shire Public Domain Technical Manual
Part D: Specification

SUTHERLANDSHIRE

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Section 9: Furniture and fixtures

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9 Furniture and fixtures

9.1 Scope

This section of the specification provides requirements for the removal, relocation, supply, installation and commissioning of street furniture.

This section shall be read in conjunction with Part C. Standard Drawings Series 09, and Part B. Locality Drawings, Sheet 01.

For the purposes of this Specification, street furniture shall refer to all above ground streetscape furniture and fixture items, excluding street lighting, road signage bus shelters and traffic signals.

This specification shall be modified to suit project specific categories as required

9.2 Standards and guidelines

Unless stated otherwise in the Specification, the approved drawings or elsewhere in the construction documents, work shall comply with the current and relevant Australian Standards.

Any variations or ambiguity between the Specification other construction documents and Australian Standards shall be referred to *Council's representative* for direction before proceeding with the work.

The following table indicates the Australian Standards applicable to this section. This table is not exhaustive and may not include all standards that may apply to the work to be undertaken. It is the responsibility of the Contractor to ensure that all relevant standards are met.

| | |
|-------------|--|
| AS 2601 | <i>Demolition of structures</i> |
| AS 2159 | <i>Piling – Design and installation</i> |
| AS2796.3 | Timber – Hardwood – Sawn and Milled Products – Timber for furniture components |
| AS/NZS 2865 | <i>Safe working in a confined place</i> |
| AS 3600 | <i>Concrete structures</i> |

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AS2700 *Colour standards for general purposes*

Materials or operations not covered by the above shall conform to the relevant Australian Standard.

9.3 **Furniture Items**

9.3.1 **Approved suppliers**

All furniture items shall be supplied in accordance with the Furniture & Fixtures Schedule on the Locality drawings, and the Standard Drawings (Document Series 09). The Contractor may apply for an equivalent product subject to approval by *Council's representative*.

9.3.2 **Approved installers**

Specific furniture items may require specialised/accredited installer as recommended by the item manufacturers and approved by Council. Where Approved Installer is specified within the contract document, the Contractor must adhere and provide the required site preparation for the work to be completed accordingly by the Approved Installer, to maintain installation warranty. Should Contractor fail to comply, Council may reject work at Contractor's cost.

9.3.3 **Shop drawings**

Contractor to provide Shop Drawing for *Council's representative* approval where specified in the drawings.

9.4 **Handling and storage of existing furniture**

9.4.1 **General**

All existing furniture (excluding Adshel bus shelters) identified for temporary removal and relocation in the approved documents is to be carefully removed, protected prior to removal and carefully labelled and stored for re-use. A full inventory of stored goods is required to be provided by the Contractor and delivered to location nominated by *Council's representative*. The existing furniture inventory should include photographic evidence of the quality of the furniture prior to protection and removal. All items should be clearly identified while in storage for correct reclamation. *Council's representative* will inspect the furniture while in storage.

The costs of protection, removal identification, relocation and repair (if necessary) of existing furniture are to be borne by the Contractor or Sub-Contractor. Any additional protection and identification required to satisfy *Council's representative* must be provided at the Contractor's or Sub-Contractor's cost. Note that bins will be maintained in working order, cleaned and repaired by Council.

Council's representative may request the Contractor to dispose of approved unwanted furniture. Disposal of approved unwanted furniture is to be undertaken at the Contractor's or Sub-Contractor's cost.

All furniture items are to be maintained and repaired to a high quality finish. Timber component shall be restored and finished to Council's requirement. Existing Graffiti or damage shall be removed and cleaned completely wherever possible, existing patina on the metal is to be protected and not cleaned.

9.4.2 Bus shelters

The Contractor shall liaise with *Council's representative* to coordinate the removal, storage and reinstallation of Adshel bus shelters. The Contractor shall meet all costs associated with these works unless agreed otherwise within the scope of work.

9.4.3 Council Signage

The Contractor shall liaise with *Council's representative* to coordinate the removal, storage, restoration and reinstallation of Council Signages, including suburb, directory and information sign. The Contractor shall meet all costs associated with these works unless agreed otherwise within the scope of work.

9.5 Supply and Installation

9.5.1 General

The supply and installation of all street furniture is to be coordinated by the Contractor. The Contractor shall liaise with the approved supplier/s to coordinate delivery including lead times and installation arrangements.

All new furniture items shall be received free of defect and stored appropriately according to Manufacturer's guidelines. Upon receipt, Contractor agrees to take full responsibility of furniture safekeeping and required maintenance to keep their 'as new' condition.

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Furniture items shall be installed in the positions shown on the approved plans or as directed by *Council's representative*.

9.5.2 Workmanship

The Contractor shall carry out the following activities as applicable to the approved work:

- Revise locations of furniture, whether new or existing, as part of the works (where required), in accordance with the requirements of this Section. The Contractor shall check that critical setback offsets have been adhered to as per the standard detail.
- Amend and finalise set-out levels and locations, and coordinates for pavement works to ensure the correct and appropriate installation of furniture as directed by *Council's representative*.
- All activities required to comply with the standards, codes and guidelines (including current Australian Standards) referred to in this Section and the Specification, and all other applicable standards that are not specifically referred to in this Specification.
- Ensure set out of furniture does not restrict access or obscure sight-lines in front of businesses/ premises doors, particularly glass shop fronts, where possible. The Contractor shall liaise with tenants and private property owners to ensure that furniture is appropriately and discreetly located where possible. The Contractor is also required to fully coordinate with *Council's representative* and other relevant authorities.
- Ensure set out of furniture does not obstruct cleansing, maintenance or the intended function of any existing street furniture.
- Ensure that relevant authority requirements for the location and maintenance of all street furniture items are achieved.
- Ensure furniture is installed in accordance to Manufacturer's guidelines and/or required Standard Drawings, and is installed with care. Damaged furniture shall not be accepted.
- Ensure that all street furniture is stable, safe, and clean and fit for use.

All furniture shall be installed plumb and level unless specified otherwise, and shall be appropriately bolted and fixed according to the manufacturer's specifications. If fixing instructions are not available, the Contractor shall consult with *Council's representative*. All fixings, conduits, connections and foundations shall be concealed and vandal resistant.

The Contractor shall complete all paving works surrounding the furniture installed, as required, including TGSIs where specified.

9.5.3 Bus shelters

The supply and installation of bus shelters shall be completed by Adshel, unless specified and approved otherwise by *Council's representative*.

The Contractor shall liaise with *Council's representative* to coordinate the provision and supply of all Adshel furniture item/s.

The Contractor shall ensure that sufficient notice is given considering long-lead items, in order to ensure the item/s are available and ready to be installed. Adshel must be given a minimum of two months notice of the order. The Contractor is to refer to the Adshel standard drawings and jig set up procedure.

Installation shall include the following activities:

- construction of footings;
- fixing of furniture;
- supply and connection of electrical service; and
- final commissioning.

It is the Contractor's responsibility to ensure that the construction works do not compromise Adshel's installation of the furniture. In any such instance the Contractor will be directed to rectify the matter at their cost. The Contractor will provide safe access to the works site for the supplier, and co-ordinate their activities to meet the completion date.

9.6 Quality

9.6.1 Schedule of hold points and check points—Furniture and fixtures

| | |
|-----------------------------------|---|
| 1. Work Process: | Set-out and approval of all furniture locations (marked on site), prior to fixing. |
| <i>Hold point or check point:</i> | <i>Check point PCA</i> |
| <i>Notice:</i> | At least two (2) days before furniture item is due to be installed on site. |
| <i>Action:</i> | <i>Council's representative</i> will inspect the proposed setout. prior to authorising the release of the hold point. |
| 2. Work Process: | Excavation for footings. |
| <i>Hold point or check point:</i> | <i>Check point PCA</i> |
| <i>Notice:</i> | At least two (2) working days prior to compaction of subgrade. |
| <i>Action:</i> | The <i>PCA</i> will inspect the excavation, prior to certifying the completion of the <i>Check point</i> |
| 3. Work Process: | Erection of formwork and reinforcement for footings. |
| <i>Hold point or check point:</i> | <i>Check point</i> |
| <i>Notice:</i> | At least two (2) working days prior placing formwork. |
| <i>Action:</i> | The <i>PCA</i> will inspect the formwork and reinforcement prior to certifying the completion of the check point. |

| 4. Work Process: | Final Inspection and Certification of all Works |
|-----------------------------------|--|
| <i>Hold point or check point:</i> | <i>Hold point</i> |
| <i>Notice:</i> | The <i>PCA</i> will submit to <i>Council's representative</i> a complete set of the certification reports and all associated test results for all the above Hold Points or Check Points at least seven (7) working days prior to commencement of final inspection. |
| <i>Action:</i> | Prior to authorising the release of the Hold Point, <i>Council's representative</i> will carry out a final site inspection and review the submitted certification, test results and reports for all the above-mentioned Hold points or Check Points. |