



## AUS-SPEC

### Infrastructure Specifications

### 0261 Landscape - Furniture and Fixtures



## 0261 LANDSCAPE – FURNITURE AND FIXTURES

IMPORTANT: This document has been adapted from the NATSPEC suite of specification templates for use in the MidCoast Council area by both Council and industry. NATSPEC regularly updates the base templates (currently in April and October each year), and Council may incorporate changes into its version of AUS-SPEC from time to time. To assist in highlighting any changes made by Council to the NATSPEC templates, the following conventions are used.

- See ANNEXURE M at the end of this document which contains (where practical) MidCoast Council customisations (also known as 'office master' text). References to the Annexure are to also be inserted at relevant clauses in the main body of the document.
- Where content is added to the main body of the document, it is to be shown **in brown text like this**.
- Where content is deleted or excluded from the main body of the document, it is to be shown ~~struck through like this~~. Such clauses are to have no effect.

Where there is a conflict between main body text and MidCoast Council specific clauses, Council's specific clauses shall prevail.

### 1 GENERAL

#### 1.1 RESPONSIBILITIES

##### General

Requirement: Provide landscape furniture and fixtures, as documented.

#### 1.2 CROSS REFERENCES

##### General

Requirement: Conform to the following:

- *0136 General requirements (Construction)*.
- *0262 External sports and playground surfacing*.

#### 1.3 SUBMISSIONS

**Custom-built items:** Submit certification by a professional engineer for the structural integrity before starting fabrication.

##### Operation and maintenance manual

Requirement: Submit the manufacturer's published use, care and maintenance requirements for each item.

##### Products and materials

Requirement: Submit the manufacturer's standard drawings and details showing methods of construction, assembly and installation; with dimensions and tolerances.

Type test: Submit results as follows:

- Playground equipment: To AS 4685 series.

**Evidence of delivery:** Submit delivery dockets as evidence of delivery of components.

##### Shop drawings

Custom-built furniture and fixtures: Submit shop drawings to a scale that best describes the details, showing methods of construction, assembly and installation, with dimensions and tolerances.

##### Subcontractors

General: Submit names and contact details of proposed suppliers and installers.

##### Warranties

Requirement: Submit the manufacturer's published product warranties.

## 1.4 INSPECTION

### Notice

Inspection: Give notice so that inspection may be made of the following:

- Custom-built furniture and fixtures fabricated and ready to be delivered to the site.
- Furniture items delivered to site before installation.
- Site locations or substrates prepared to receive furniture or fixtures before installation.
- Set-out of furniture and fixtures.
- Completed installation.

## 2 PRODUCTS

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### 2.1 GENERAL

#### Storage and handling

General: Deliver, unload and store products and accessories in sealed manufacturer's packaging.

#### Preservative treatment

CCA treated timber: If proposed, provide details.

#### Labelling

Playground equipment: To AS 4685 series.

#### Weathering steel

Standard: To AS/NZS 3678.

Grade: WR350.

### 2.2 ELEMENTS

#### Playground equipment and exercise stations

Soft surfacing: To *0262 External sports and playground surfacing*.

Playground equipment: To the AS 4685 series.

#### Sand pits

Materials:

- Aggregate: 15 mm gauge road base.
- Agricultural pipe: 75 mm diameter slotted PVC pipe.
- Sand: Clean, sharp river sand.
- **Filter fabric.**

## 3 EXECUTION

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### 3.1 INSTALLATION

#### Erection

Line and level: Erect posts or poles vertically. Erect furniture items level. Where installed on slopes, provide a level area around benches and seats.

#### Sand pits

Requirement: Compact aggregate to 100 mm depth after installation of play structure components. Lay agricultural pipe in aggregate and cover with filter fabric allowing for a fall of 1:75 towards the agricultural pipe. Top up with 300 mm (minimum) sand.

### 3.2 COMPLETION

#### Cleaning

General: On completion, remove protective coatings, clean all surfaces and remove all labels not required for maintenance, or by AS 4685 series.

## 4 SELECTIONS

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The following schedules are for use with Council projects. For private development works use of these schedules is optional, at the Superintendent's discretion.

### 4.1 FURNITURE

#### Benches

Type: [complete/delete]

Description: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Finish: [complete/delete]

Fixing: [complete/delete]

#### Seats and tables

Type: [complete/delete]

Description: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Finish: [complete/delete]

Fixing: [complete/delete]

### 4.2 PLANTING FITTINGS

#### Planter boxes

Type: [complete/delete]

Description: [complete/delete]

Size: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Finish: [complete/delete]

Fixing: [complete/delete]

Services connection: [complete/delete]

#### Pots

Type: [complete/delete]

Description: [complete/delete]

Size: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Finish: [complete/delete]

Fixing: [complete/delete]

#### Tree grates

Type: [complete/delete]

Description: [complete/delete]

Size: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Material: [complete/delete]

Finish: [complete/delete]

Fixing: [complete/delete]

### 4.3 FIXTURES

#### Barbeque

Type: [complete/delete]

Description: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Finish: [complete/delete]

Fixing: [complete/delete]

Services connection: [complete/delete]

#### Flag pole

Type: [complete/delete]

Description: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Size: [complete/delete]

Finish: [complete/delete]

Fixing: [complete/delete]

#### Drinking fountain

Type: [complete/delete]

Description: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Finish: [complete/delete]

Fixing: [complete/delete]

Services connection: [complete/delete]

#### Litter bins

Type: [complete/delete]

Description: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Finish: [complete/delete]

Fixing: [complete/delete]

#### Shade structures

Type: [complete/delete]

Description: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Size: [complete/delete]

Finish to support elements: [complete/delete]

### 4.4 PLAY EQUIPMENT AND EXERCISE STATIONS

#### Play equipment and exercise stations

Type: [complete/delete]

Description: [complete/delete]

Supplier: [complete/delete]

Product No.: [complete/delete]

Finishing: [complete/delete]

Fixing: [complete/delete]

#### 4.5 CUSTOM-BUILT FURNITURE AND FIXTURES

##### Custom-built furniture and fixtures schedule

Properties	A	B	C
Description			
Location			
Size			
Material			
Finish			
Fixings			
Certification			

Notes to schedule:

A, B, C: These designate each instance or type or location of each item. Edit codes in the **Schedule** to match those on drawings.

#### 4.6 ANNEXURE – REFERENCED DOCUMENTS

The following documents are incorporated into this worksection by reference:

AS/NZS 3678                      2016      Structural steel - Hot-rolled plates, floorplates and slabs  
AS 4685    Playground equipment and surfacing

#### 5 ANNEXURE M – MIDCOAST COUNCIL SPECIFIC CLAUSES

M1.	Variations to or non-conformances with Council's AUS-SPEC are to be evaluated with reference to the procedure in Council's <i>Development Engineering Handbook</i> . Acceptance is to be obtained in writing from: <ul style="list-style-type: none"> <li>a) an authorised representative of Council's Director of Infrastructure and Engineering Services, or</li> <li>b) an accredited certifier where they are the Principal Certifier and hold the relevant accreditation category for the type of work.</li> </ul>	<b>Variation procedure</b>
M2.	This specification applies in addition to any development consent (DA) conditions. If there is any inconsistency, the conditions of consent shall prevail.	<b>DA conditions</b>
M3.	Refer to the MidCoast Council <i>Development Engineering Handbook</i> for final inspection, works-as-executed and handover requirements.	<b>Completion</b>

#### 6 AMENDMENT HISTORY

0	14/12/2020	First Published
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