

# Engineering Construction Specification C35 Open Space and Playground Landscaping

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# 1 General

## 1.1 Responsibilities

### 1.1.1 General

This Specification provides landscaping procedural advice and landscaping design advice for open space and public open space areas within the Wingecarribee Shire LGA, including environmental, recreational, cultural, structural and ornamental landscaping.

Open space allocation should be consistent with Council's current open space requirements.

## 1.2 Cross References

### 1.2.1 General

Requirement: This worksection is not a self-contained specification. In addition to the requirements of this worksection, conform to the following:

- *C01 General requirements (Construction).*
- *C02 Quality management (Construction).*
- *C03 Control of Traffic.*
- *C04 Control of erosion and sedimentation (Construction).*

## 1.3 Standards

### 1.3.1 General

Storage and handling of pesticides: To AS 2507.

Tree stock: To AS 2303.

## 1.4 Interpretation

### 1.4.1 Abbreviations

General: For the purposes of this worksection the following abbreviations apply:

N:P:K: Nitrogen: Phosphorous: Potassium ratio.

Definitions

General: For the purposes of this worksection the definitions given in AS 2303 and the following apply:

Ameliorant material: Additives used to make or improve soil.

Anionic bitumen: A type of bituminous emulsion where dispersed particles comprise a bituminous binder and are negatively charged.

Size index: Numerical expression of the size or physical bulk of a tree stock above ground.

## 1.5 Submissions

### 1.5.1 Execution details

Soil amelioration recommendations: If required, the source of ameliorant material, rates and methods of incorporation.

Plant material: Submit details of proposed fertiliser to be used.

Soil conditioning: If other than gypsum is proposed, submit details.

Transplanting trees: Submit a program for regular fertiliser applications during the plant establishment and maintenance period.

### **1.5.2 Products and materials**

Imported topsoil: Submit evidence verifying the following:

- Suitability of each soil type for its documented use.
- Similarity to naturally occurring local soil.
- Suitability for establishment and on-going viability of the site vegetation.
- Absence of any weed propagules or contaminants.

Plant provenance: Submit documentation that all plant material has been grown from locally provenanced stock. If this is not achievable give notice.

Plant source: Submit documentation that all plant material has been grown from locally sourced stock (or local endemic species). If this is not achievable give notice.

Species: Submit written certification that all plant material is true to the required species and type.

Trees: Submit evidence of conformance to AS 2303.

Seed supply: Submit the name(s) of the proposed seed supplier(s).

### **1.5.3 Samples**

General: Submit representative samples of each material, packed to prevent contamination and labelled to indicate source and content.

Bulk materials: Submit a 5 kg sample, of documented materials with required test results.

### **1.5.4 Tests**

Results: Submit results of testing to ANNEXURE, MAXIMUM LOT SIZE AND MINIMUM TEST FREQUENCIES.

## **1.6 Inspections**

### **1.6.1 Notice**

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

- Slopes and drains: Prepared surface for cultivation and conditioning.
- Plants on arrival at site.
- Landscape planting: Set out of plants, soil conditioner and fertiliser.

## **2 Materials**

### **2.1 General**

#### **2.1.1 Specimen plants**

Plant source: Conform to the following:

- Obtain plants from nursery stock located in an area with similar climate to the site of the Works.

Non-containerised stock: Program the preparation of specimen plants so that they are ready for transplanting to site when required.

## **2.1.2 Transportation**

Requirement: Transport plants to the site without physical damage or drying out.

## **2.1.3 Optimal plant condition**

General: Maximum initial impact at the time of project opening.

## **2.2 Topsoil**

### **2.2.1 General**

Topsoil: To AS 4419 and as follows:

- Free of weed propagules and contaminants and suitable for the establishment and ongoing viability of the selected vegetation.
- Maximum soluble salt content: 0.06% by mass.

Health warning: To AS 4419, on packaging or invoice for bulk supply.

### **2.2.2 Management of stockpiles and batters**

Requirement: To Management of stockpiles and batters in C02 Control of erosion and sedimentation (Construction) work section.

## **2.3 Fertiliser and Mulches**

### **2.3.1 Fertiliser**

Type: Organic.

N:P:K ratio:

- Slopes and open drains: 80:36:20.
- Mass planting: 63:18:28.

### **2.3.2 General mulch types**

Organic landscape mulch: To AS 4454.

Composition:

- Fines (by volume): < 5%.
- Woodchip (maximum size): < 50mm.
- Leaf mulch (by volume): < 25%.

Quality: Free of deleterious and extraneous matter including weeds, soil, sticks and stones.

Synthetic weed blocking fabric: To AS 4843.

### **2.3.3 Hydromulch**

Material: Straw, chaff, wood fibre paper pulp finely shredded to a maximum dimension of 10mm.

Prohibited material: Meadow hay and weeds. If using paper pulp, do not exceed 50% by mass of total mulch.

Binder: Grade ASS, slow setting anionic bitumen to AS 1160.

Straw mulch

Material: Straw matrix.

Prohibited material: Meadow hay and weeds.

Binder: Grade ASS slow setting anionic bitumen to AS 1160.

Straw mat finished thickness: > 20mm.

### **2.3.4 Hardwood stakes**

General: Pointed at one end, as follows:

- Marker stakes (for tube stock): 15 x 15 x 800mm.
- Stakes (for advanced stock): 2 stakes, 25 x 25 x 2000mm.
- Stakes (for super advanced stock): 3 stakes, 50 x 50 x 3000mm.

## **2.4 Plant Material**

### **2.4.1 Seed**

Requirement: Conform to the following:

- Grass and clover: Pre-packed commercially with an accompanying certificate of germination.
- Native seed: Deliver to the site in separate lots for each species and variety, clearly labelled to show species, variety and weight.

Storage: Do not take possession of the seed more than seven days before sowing is to occur. Store seed in clean, airtight containers and keep away from direct sunlight. Do not expose seed to the elements at any stage during storage.

Replacement: Replace if seed batch is not true to type.

### **2.4.2 Turf**

Description: 25mm depth of dense, well rooted, vigorous grass growth with 25mm depth of topsoil and free of weeds, soil pests and diseases.

Prohibited material: Kikuyu grass.

Supply: As rolls in long lengths of uniform widths, in sound unbroken condition.

Width of rolls: > 300mm.

### 2.4.3 Seed and turf table

Material	Species	Minimum application rate (kg/ha)
Seed		
Grass	Rye Corn (April - August) or	60
	Japanese Millet (September - March)	60
	Hulled Couch	5
	Red Clover (Inoculated)	5
	White Clover (Inoculated)	5
	'Elka' Perennial Rye	5
Native	Acacia dealbata	
	Acacia buxifolia	1
	Acacia decurrens	1
	Acacia pravissima	1
	Leptospermum lanigerum	1
Material	Species	Minimum application rate (kg/ha)
	Hardenbergia violacea	0.5
	Kennedia prostrata	0.5
	Acacia implexa	0.2
	Banksia marginata	0.2
	Bursaria spinosa	0.2
	Callistemon pallidus	0.2
	Dodonaea viscosa	0.2
Turf grass		
<ul style="list-style-type: none"> <li>• Medians</li> <li>• Verges/Footpaths</li> <li>• Other Areas</li> </ul>	Couch Buffalo Couch	Refer to Drawings

#### **2.4.4 Plant supply**

Requirement: Conform to the following:

- Healthy, of good form and not soft or forced.
- Large robust root systems.
- Not root bound.
- Free from disease and insect pests.
- Hardening off: Deliver all plants to a site within the locality of the works at least four weeks before planting out.
- Plant root systems: Maintain root moisture at all times with particular attention to watering during the on-site period before and during planting.
- Planting hole depths: Equal to the depth of container soil.
- Trees: Single leading shoot.



Full Title Block Requirements	Plan Legend	Plant Schedule	Detail Drawing	Landscape Specifications	Maintenance Program
Location	Lot boundary	Plant symbol	Street tree planting and tree planting	Services	Plant Replacement
Scale	Extent of works	Botanical Name		Soils	Stakes and Ties
Plan No.	Contours/proposed levels	Plant quantities	Mass planting	Turf	Pruning
Precinct No.	Services/new service locations	Container size	Mulch/Softfall/Wetpour	Mulch	Mulch Replacement
Lot No.	Street signage locations	Grid spacings	Turf	Plants/Planting	Pest and Disease
Drawing No.	Streetlight locations	Staking requirements	Landscape edging	Turf	Control
Date	Concrete surfaces/edging		Retaining Walls	Fertiliser	Weed Eradication
Applicant	Turf areas		Concrete pavements	Staking and Tying	Watering
North Point	Mass Planting locations		Park furniture/Utilities		Soil Subsidence
Scaled layout of the site	Tree Planting locations		Services/Water Outlets		Maintenance Regime
	Park furniture locations				
	Playground equipment locations				
	Soft Fall location				
	Fencing, bollards etc locations				
	Bus stops, driveway locations				

## 3 Execution

### 3.1 General

#### 3.1.1 Transport and storage

Requirement: Inspect all plants at the time of delivery and reject non-conforming plants.

#### 3.1.2 Program

Requirement: Conform to the following:

- Between September and May: Plant exposed surfaces before the area exceeds 1ha.
- Between June and August: Do not carry out planting to exposed surfaces without approval.

#### 3.1.3 Preparation

Herbicide treatment: Spray herbicide as follows:

- Type: Glyphosphate.
- Rate: 9 litres/200 litres water/ha.
- Program: Maintain sprayed areas undisturbed for 2 weeks.

Pesticide treatment: In the following form, as documented:

- Liquid
  - Application rate: 5 litres/hydromulch/ha.
- Powder application
  - Powder: 10kg/ha.

Herbicides and pesticides: To the Australian Pesticides and Veterinary Medicines Authority (APVMA) register.

Soil conditioning: Provide as follows:

- Gypsum application rate: 400g/m<sup>2</sup>
- Application: Conform to the following:
  - Spread evenly over the subsoil by a mechanical spreader and topsoil on the same day.
  - Thoroughly mix into the topsoil whilst the topsoil is being removed from stockpiles.
  - Apply conditioners other than gypsum to the supplier's recommendations

Fertiliser treatment: Provide as follows

Application rate: 1000kg/ha.

Seed mixing: Provide as follows:

- Mix, pre-treat and place seed in the sowing equipment for each operation on site.
- Sow seed on the day of mixing with pesticide.

#### 3.1.4 Watering

General: Conform to the following

- Potable or sourced from areas without toxins, pollutants or any substance which may adversely affect plant growth.

- Initial watering: To a uniform moisture condition without run-off
- After turfing: Re-water to a uniform moisture condition without run-off
- After sowing: If required, re-water to a uniform moisture condition without causing rills in the surface, daily for 15 days.
- Excessive rilling: If watered areas result in excessive rilling, rehabilitate by re-preparing and re-sowing the affected area.

## **3.2 Slopes flatter than 3H to 1V**

### **3.2.1 Preparation of the surface**

Cultivation: Before applying topsoil, tine to a depth of 200mm to produce a loose surface and remove all large stones, rubbish and other materials that may delay germination.

Cultivation depth: 50mm for a roughened surface with soil lumps not exceeding 50mm.

Topsoil

Application: Apply uniformly to an average compacted thickness of 50mm with a minimum compacted thickness of 30mm at any location.

### **3.2.2 Application of pesticide**

Timing: Immediately before sowing.

Pesticide type: Powder form.

Application: Mix thoroughly with the seed, in conformance with execution, general to the equivalent mass of seed to be spread on 1 hectare of the surface.

### **3.2.3 Grassing**

Seeding:

- Application: Distribute evenly, by a mechanical seeder following the finished contours wherever possible.
- Depth: 5mm as sown, or 5mm cover by raking or harrowing.
- Fertiliser: Apply concurrently with seeding, as documented.

Turfing:

- Laying: On the prepared topsoiled surface and perpendicular to the direction of water flow.
- Joints: Butt runs of turf hard against each other and topdress with topsoil.
- Slopes 5:1 to 3:1 Peg turf and remove pegs when established.

Topdressing:

- Timing: 4 to 6 weeks after laying turf.
- Requirement: Correct any undulations or unevenness in the established turf.

Maximum slope for areas to be maintained by a ride-on mower with a 2m wide deck: 4:1.

### 3.3 Slopes steeper than 4H to 1V

#### 3.3.1 Methods

General: Vegetate slopes by one of the following methods, as documented:

- Apply topsoil and hydromulch
- Apply topsoil, hydroseed and straw mulch.
- Hydroseed.

Preparation of the surface

General: Remove all loose material from fill batters and cut batters.

Timing: No more than seven days before seeding.

Cultivation: Lightly tine or roughen the surface parallel to the contours.

Topsoil Application: Conform to the following:

- General: Apply uniformly to an average thickness of 50mm, with a minimum compacted thickness of 30mm at any location.
- Stepped batters: Loosely fill with topsoil.

#### 3.3.2 Hydromulching or hydroseeding

Watering: Water dry surfaces with a fine spray before applying the hydromulch.

Pesticide:

- Timing: Apply during preparation of the hydromulch or hydroseed slurry.
- Pesticide type: Liquid

Equipment: Clean and free of contamination from previous operations.

Mix: Add materials as documented to the slurry storage tank and agitated to maintain a uniform consistency during application.

Application: Uniformly over the whole surface.

Weather conditions: Do not apply hydromulch or hydroseed under the following weather conditions at the site:

- Temperature: > 35°C
- Winds exceed: 15km/hr
- During rain periods of when rain appears imminent or if the surface is saturated.

Wetting agent:

- Application rate: 1 litre/1000 litres of mix water.

#### 3.3.3 Hydromulching or hydroseeding table

Material	Application rate per hectare of surface	
	Hydromulching	Hydroseeding
Vegetable mulch (kg)	1500	Nil
Water (L)	35,000	20,000
Binder (L)	1200	Nil
Wetting agent (L)	35	20

Straw mulching

Application: Apply uniformly with a suitable blower.

Rate: 250 bales (each of 20kg) of straw per hectare of surface.

Bitumen emulsion: Incorporate as a spray into the air stream of the mulch blower.

- Application rate: 2500 litres per hectare of surface

Straw mat thickness: > 20mm at any location.

## **3.4 Open drains**

### **3.4.1 Preparation of the surface**

Topsoil: Spread to an average compacted thickness of 50mm, with a minimum compacted thickness of 30mm at any location.

Timing: Complete vegetation within 7 days of the completion of open drain excavation.

Grass seeding

Application: Apply uniformly by one of the following methods and conform to the Seed and Turf table:

- Mechanical sowing
- Hydromulching or Hydroseeding
- By hand

### **3.4.2 Surface protection**

Requirement: Protect all or part of the sown surface by one the following methods, as documented.

- Bitumen emulsion: Spray the surface with an anionic slow setting bitumen emulsion to Grade ASS of AS 1160 at a rate of 1 litre of bitumen emulsion per square metre of surface.
- Organic fibre mat: Line the channel with an organic fibre mat.
  - Lay runs of matting along the direction of water flow loosely on the soil surface and not stretched.
  - Slot upstream end of matting into a trench 150mm wide by 1500mm deep and pinned to the base of the trench at 200mm centres.
  - Backfill the trench with soil and compact by foot.
  - Overlap adjacent runs of matting 100mm with the higher run lapped over the lower run and pinned matting along the sides of each run at 500mm centres and along the middle of each run at 1000mm centres.
  - Overlap end 150mm wide with the higher run end lapped over the start of the lower run and pinned at 200mm centres.
- Pins: U shaped pins of 4mm gauge wire, 50mm wide and 150mm long legs.
- Turfing: Butt runs of turf hard against each other and place perpendicular to the direction of water flow in the drain. Pin into position at 500mm centres. Topdress seams of turf with topsoil.

## **3.5 Landscape planting**

### **3.5.1 Conditions**

General: Do not carry out landscape planting when the temperature is above 35°C or below 10°C.

Timing: Carryout planting within 7 days of site seeding operations.

### 3.5.2 Preparation

Weed management: Conform to the following:

- Herbicide spray: Conform to Execution, General and the following:
  - Program: maintain sprayed areas undisturbed for 2 weeks.
  - Spray drift: make sure there is no contact with planted material
- Weed management by synthetic weed blocking fabric:
  - Extent: 800mm surrounding each proposed planting.

Fertilising (N:P:K): Conform to the following:

- Ratio: 63:18:28.
- Application rate: 5kg/m<sup>2</sup>

### 3.5.3 Mass planting in mulched bed

Surface preparation: Rip the surface at 500mm centres to a depth of 300mm and break up the top 200mm of the planting bed by cultivation to a maximum size of 50mm.

Mulch: Spread 75mm thick.

### 3.5.4 Individual planting

Preparation: Loosen a planting area 600mm diameter to a depth of 400mm.

Mulch: Spread 75mm thick to 600mm radius around the plant.

### 3.5.5 Planting

Method: Remove the localised mulch. If required, root prune to make sure all circling roots have been either severed or aligned radially into the surrounding soil. Place the plant, backfill the planting hole with topsoil and compact lightly so as to minimise subsidence without compacting the backfill. Avoid mixing mulch with topsoil.

Stakes and ties: Advanced and super advanced stock:

- Drive stakes 300mm deep and 200mm clear of the plant.
- Ties: 50mm wide hessian webbing strips, attached loosely.

Watering: 10 litres of water per hole before the mulch is respread over the disturbed area.

Mulching: Replace, and leave the plant stem clear.

### 3.5.6 Care of landscape planting

Watering: Water all plants, from the time of planting, every second day for the first twelve weeks at the following rates, per plant:


- Tube stock: 5 L.
- Advanced trees: 10 L.
- Super advanced (25 L): 30 L.
- Semi-mature (75 to 100 L): 50 L.

Replacement: Replace missing plants, dead plants and unhealthy plants with plants of similar size and quality and of identical species and variety to the plant being replaced.

Weed and grass growth in mulched areas: Control with herbicide, in conformance with the manufacturer's recommendations at monthly intervals during the construction period and contract maintenance period. Replace plants damaged by herbicide application.

### 3.5.7 Guidelines for trees and shrubs

The Landscaping Plans must include a planting schedule.



The planting scheduled must clearly detail the planting positioning, species by botanical and common names, quantities, planting sizes and the estimated size of the plant at approximately 12 years maturity.

The planting schedule must also detail the proposed establishment and maintenance programme.

The Landscaping Plans must demonstrate that the existing cultural and heritage amenity (where relevant), as well as any existing surrounding trees and ecological communities, have been a consideration in the preparation of the proposed planting schedule for the development site.

The contractor shall supply and plant trees and shrubs of the types detailed on the approved Landscaping plans. Trees and shrubs shall be planted in the locations shown on the Landscaping Plans.

After installing the trees and shrubs, the developer shall ensure that sufficient watering, care and repair is carried out to sustain the new plantings throughout the maintenance and establishment period.

## 4 Annexures

### 4.1 Annexure selection

Project requirements schedule

Property	Value/Required?	
Samples	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Plants freight responsibility agreement	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Plant material supply schedule

Botanical name	Common name	Container volume size (L)	Height range (m)	Calliper (mm)	Quantity (+10%)

Transplanting schedule

Botanical name	Common name	Description

Specimen plants schedule

Botanical name	Common name	Description

Porous bonded gravel schedule

Property	A	B	C
Tree surround surfacing: Product			
Tree surround surfacing: Filter fabric			
Tree surround surfacing: Gravel			



## 4.2 Annexure - Summary of Hold and Witness Points

Reference No:	Clause and description	Type *	Submission/Inspection details	Submission/Notice times	Process held
C35-WP01	INSPECTIONS, Notice  Slopes and drains	W	Preparation of surface for cultivation and conditioning	2 days after preparing surface	
C35-HP02	INSPECTIONS, Notice  Plants on arrival at site	H	Physical damage or drying out	3 days before planting	Planting
C35-HP03	INSPECTIONS, Notice  Landscape planting	H	Set out of plants, soil conditioner and fertiliser	2 days before backfilling	Backfilling
* H = Hold Point, W = Witness Point					

## 4.3 Annexure – Maximum lot sizes and minimum test frequencies

Seed, imported soil and mulch supply

Activity	Key quality verification requirements	Maximum lot size	Minimum test frequency	Test method
Trees	Dispatch tree stock inspection form	1 contract	1 contract	AS 2303 Appendix C
Imported topsoil	Material quality:			
	pH	10,000m <sup>2</sup>	1 per 500m <sup>3</sup> *	AS 4419
	Organic content	10,000m <sup>2</sup>	1 per 500m <sup>3</sup> *	AS 4419
	Soluble salt content	10,000m <sup>2</sup>	1 per 500m <sup>3</sup> *	AS 4419
Mulch for planting	Material quality	1 contract	1 contract	AS 4454
* Note: or part thereof, per lot.				

## 4.4 Annexure – Pay Items

Pay items	Unit of measurement	Schedule Rate inclusions
0257.1 Vegetation of slopes flatter than 3H to 1V		
0257.1 (1) Vegetation – Seeding	m <sup>2</sup>	All costs associated with the vegetation of slopes by seeding other than the cost of watering and supply of imported topsoil.
0257.1 (2) Vegetation – Turfing	m <sup>2</sup>	All costs associated with the vegetation of such slopes by turfing other than the cost of watering, and supply of imported topsoil.
0257.1 (3) Watering determination of volume: By calibrated dipstick readings or other approved method.	kL	All costs associated with supply and delivery of the water and the watering of the seeded and/or turfed areas.
0257.2 Vegetation of slopes steeper than 3H to 1V		
0257.2(1) Preparation of surface other than stepped batters	m <sup>2</sup>	All costs associated with the preparation of the surface for vegetation other than the cost of supply of imported topsoil.
0257.2(2) Preparation of surface of stepped batters	m <sup>2</sup> on the batter slope	All costs associated with the preparation of the batter slope for vegetation other than the cost of supply of imported topsoil.
0257.2(3) Hydromulching	m <sup>2</sup>	All costs associated with hydromulching other than the watering of dry surfaces.
0257.2(4) Hydroseeding	m <sup>2</sup>	All costs associated with hydroseeding other than the watering of dry surfaces.
0257.2(5) Straw mulching	m <sup>2</sup>	All costs associated with straw mulching.
0257.2(6) Watering Determination of volume: By calibrated dipstick readings or other method approved.	kL	All costs associated with supply and delivery of the water and the watering of dry surfaces.
0257.3 Vegetation of open drains		
0257.3(1) Preparation and Topsoiling of drains	m <sup>2</sup>	All costs associated with preparation of the surface for sowing.
0257.3(2) Mechanical sowing	m <sup>2</sup>	All costs associated with sowing and fertilising.
0257.3(3) Hydromulching	m <sup>2</sup>	All costs associated with hydromulching other than the watering of dry surfaces.

<b>Pay items</b>	<b>Unit of measurement</b>	<b>Schedule rate inclusions</b>
0257.3(4) Hydroseeding	m <sup>2</sup>	All cost associated with hydroseeding other than the watering of dry surfaces.
0257.3(5) Hand sowing	m <sup>2</sup>	All costs associated with sowing by hand.
0257.3(6) Spray with bitumen emulsion	m <sup>2</sup>	All costs associated with the supply and spraying of bitumen emulsion.
0257.3(7) Lining with organic fibre mat	m <sup>2</sup>	All costs associated with the supply and placement of organic fibre mat
0257.3(8) Turfing	m <sup>2</sup>	All costs associated with supply and placement of turf.
0257.3(9) Watering determination of volume: By calibrated dipstick readings or other method approved	kL	All costs associated with supply and delivery of the water and the watering of dry surfaces and all treated drain areas.
0257.4 Landscape planting		
0257.4(1) Provision of mulched bed for mass planting	m <sup>2</sup>	All costs associated with the preparatory work of the mulched bed before planting.
0257.4(2) Mass planting	Each plant	All costs associated with the planting in the mulched bed and subsequent care of each plant.
0257.4(3) Individual landscape planting of stock	Each plant	All costs associated with the preparatory work, planting and subsequent care of each plant.
0257.5 Supply of imported topsoil	The cubic metre measured loose in the truck as delivered	All costs associated with the supply and delivery of the topsoil to the site. Placing and spreading of the topsoil is excluded from this pay item and is included in the specific activity pay items for vegetation or planting as appropriate.
Traffic management	Lump sum	To the C03 Traffic management work section
Erosion and sedimentation		To the C02 Control of erosion and sedimentation (Construction) work section.
Earthworks		To the C06 Earthworks (Road reserve) work section.

## 4.5 Annexure – Reference documents

The following documents are incorporated into this work section by reference:

AS 1160	1996	Bitumen emulsions for construction and maintenance of pavements
AS 2303	2015	Tree stock for landscape use
AS 2507	1998	The storage and handling of agricultural and veterinary chemicals
AS 4373	2007	Pruning and amenity trees
AS 4419	2003	Soils for landscaping and garden use
AS 4454	2012	Composts, soil conditioners and mulches
AS 4843	2001	Synthetic weed blocking fabric